

InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Reader's Obvious | Description |
|-------------|------------------|---|
| | Yes | Lacy, Jack; Snyder, James; Maher, David; "Music on the Internet and the Intellectual Property Protection Problem" |
| Y | Yes | "The PowerTV White Paper", powertv.com website, Oct. 11, 1996 |
| Y | Yes | Coutrot, Francois; Michon, Vincent; "A Single Conditional Access System for Satellite-Cable and Terrestrial TV" IEEE Transactions on Consumer Electronics, Vol. 35, No. 3, Aug. 1989 |
| Y | Yes | "ISO 8583: Financial transaction card originated messages - Interchange message specifications", ISO, Dec. 15, 1993 |
| Y | Yes | Harty, Kieran; Ho, Linda; "Case Study: The VISA Transaction Processing System", May 30, 1988 |
| Y | Yes | U.S. 4,584,639; Apr. 22, 1986 |
| | Yes | Denning, Dorothy E.; "Secure Personal Computing in an Insecure Network", Comm. of the ACM, Vol. 22, No. 8, Aug. 1979 |
| | Yes | Muftic, Sead; "Security Mechanisms for Computer Networks", Computer Communications and Networking, 1989 |
| Y | Yes | Kim, Gene H.; Spafford, Eugene H.; "The Design and Implementation of Tripwire: A File System Integrity Checker", COAST Laboratory, Purdue University, Nov. 19, 1993 |
| Y | Yes | Choudhury, Abhijit K.; Maxemchuk, Nicholas F.; Paul, Sanjoy; Schulzrinne, Henning G.; "Copyright Protection for Electronic Publishing Over Computer Networks", IEEE Network, May/Jun., 1995 |
| | Yes | Denning, Dorothy E.R.; <u>Cryptography and Data Security</u> , Addison-Wesley Publishing Company, 1982, Reprinted with corrections, Jan. 1983 |
| | Yes | Hellman; "Multi-user Cryptographic Techniques" |
| | Yes | Diffie, Whitfield; Hellman, Martin E; "New Directions in Cryptography", Stanford University, 1976 |
| Y | Yes | Kohl, J.; Neuman, C.; "The Kerberos Network Authentication Service (V5)", Network Working Group RFC 1510, Sep. 1993 |
| | Yes | Diffie, Whitfield; van Oorschot, Paul C.; Weiner, Michael J.; "Authentication and Authenticated Key Exchanges", Sun Microsystems and Bell-Northern Research, Mar. 6, 1992 |
| | Yes | Diffie, Whitfield; "The First Ten Years of Public-Key Cryptography", Proceedings of the IEEE, Vol. 76, No. 5, May, 1988 |
| | Yes | Kohnfelder, Loren M.; "Towards a Practical Public-Key Cryptosystem", May, 1978 |
| | Yes | Kaliski, Jr., Burton S.; "A Layman's Guide to a Subset of ASN.1, BER, and DER", RSA Laboratories Technical Note, 1991, Revised Nov. 1, 1993 |
| Y | Yes | "PKCS #7: Cryptographic Message Syntax Standard", RSA Laboratories Technical Note, Ver. 1.5, Revised Nov. 1, 1993 |
| | Yes | Walker, Stephen; "Notes from RSA Data Security Conference", Trusted Information Systems, Jan. 18, 1994 |
| Y | Yes | Tygar, J.D.; Yee, Bennet; "Cryptography: It's Not Just for Electronic Mail Anymore", Carnegie Mellon University Tech. Report CMU-CS-93-107, Mar. 1, 1993 |
| | Yes | U.S. 4,658,093; Apr. 14, 1987 |
| Y | Yes | U.S. 4,405,829; Sep. 20, 1983 |
| Y | Yes | Schneier, Bruce; <u>Applied Cryptography: Protocols, Algorithms, and Source Code in C</u> , John Wiley & Sons, Inc., 1994 |

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|--------------------|------------------------|---|
| Y | Yes | Popek, Gerald J.; Kline, Charles S.; "Encryption and Secure Computer Networks", ACM Computing Surveys, Vol. 11, No. 4, Dec. 1979 |
| | Yes | Diffie, Whitfield; Hellman, Martin E; "New Directions in Cryptography", Stanford University, 1976 |
| | Yes | Castano, Silvana; Fugini, Mariagrazia; Martella, Giancarlo; Samarati, Pierangela; Database Security, ACM Press, 1994 |
| Y | Yes | Thuraisingham, M.B.; "Mandatory Security in Object-Oriented Database Systems", OOPSLA '89 Proceedings, ACM, Oct. 1-6, 1989 |
| Y | Yes | Olivier, Martin S.; von Solms, Sebastiaan H.; "A Taxonomy for Secure Object-Oriented Databases", ACM Transactions on Database Systems, Vol. 19, No. 1, Mar. 1994 |
| Y | Yes | Olivier, M.S.; von Solms, S.H.; "Building a Secure Database Using Self-Protecting Objects", Computers & Security, Vol. 11, No. 3, 1992 |
| Y | Yes | Olivier, M.S.; von Solms, S.H.; "DISCO: A Discretionary Security Model for Object-oriented Databases", IT Security: The Need for International Cooperation, Elsevier Science Publishers B.V., 1992 |
| Y | Yes | Oliver, Martin S.; "Secure Object-oriented Databases", Thesis for the degree of Doctor of Philosophy in Computer Science, Rand Afrikaans University, Dec. 1991 |
| | Yes | R. Ahad, et al.; IRIS, 1992 |
| Y | Yes | ORION I.k.a. ITASCA, MCC-Austin TX & Itasca Corp., 1985-1995 |
| Y | Yes | Olivier, Martin S.; SECDB, 1990-1995 |
| Y | Yes | "THOR: A Distributed Object-Oriented Database System", MIT |
| Y | Yes | Millen, Jonathan K.; Lunt, Teresa F.; "Security for Object-Oriented Database Systems", IEEE 0-8186-2825-1; 1992 |
| | Yes | Choy, D.M. et al.; "A Digital Library System for Periodicals Distribution", May 1996 |
| Y | Yes | Mathy, Laurent; "Features of The ACCOPI Multimedia Transport Service", Lecture Notes in Computer Science, No.1045, Proc. Of European Workshop IDMS'96, Mar. 1996; "Access Control and Copyright Protection for Images Security Technology for Graphics and Communication Systems - RACE M1005: ACCOPI", webpage, Security Projects at Fraunhofer-IGD, 2002; ACCOPI RACE Project M1005 Warning of ACCOPI web pages removal, UCL Laboratoire de telecommunications et teledetection |
| Y | Yes | "The Amide Products" web page; "Forum on Technology-Based Intellectual Property Management - Electronic Commerce for Content", IMA Intellectual Property Proceedings, Vol. 2, Jun. 1996 |
| Y | Yes | Van Slype, Georges; "Natural Language Version of the generic CITED model -- Vol. I: Presentation of the generic model, ver. 3.0"; and "Vol. II: CITED usage monitoring system design for computer based applications, ver. 1.0", Project 5469, The CITED Consortium, Sep. 6, 1993 |

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|-------------|-----------------|---|
| Y | Yes | "Technological Strategies for Protecting Intellectual Property in the Networked Multimedia Environment", IMA Intellectual Property Proceedings, Vol. 1, Issue 1, Jan. 1994 |
| Y | Yes | COPICAT - 8195: "Copyright Ownership Projection in Computer-Assisted Training", ESPRIT, Dec. 1993; Kelman, Alistair; "Electronic Copyright Management: Possibilities and Problems", Scientists for Labor Presentation, Nov. 14, 1996 |
| Y | Yes | Griswold, Gary N.; "A Method for Protecting Copyright on Networks", IMA Intellectual Property Proceedings, Vol. 1, Issue 1, Jan. 1994 |
| | Yes | Erickson, John S.; "A Copyright Management System for Networked Interactive Multimedia", Proceedings of the 1995 Dartmouth Institute for Advanced Graduate Studies, 1995 |
| | Yes | Burns, Christopher; "AAP Draft: Local Access and Usage Controls", Association of American Publishers Report, Apr. 13, 1995 |
| Y | Yes | Choudhury, A.K.; Maxenchuk, N.F.; Paul, S.; Schulzrinne, H.G.; "Copyright Protection for Electronic Publishing over Computer Networks", Submitted to IEEE Network Magazine, Jun. 1994 |
| | Yes | Wayner, Peter; Digital Copyright Protection, Academic Press, 1997 |
| | Yes | "Cryptolope Containers Technology: A White Paper", IBM InfoMarket Business Development Group |
| | Yes | "Digital Rights Enforcement and Management: SuperDistribution of Cryptolopes", IBM |
| | Yes | Kaplan, Marc A.; "IBM Cryptolopes, SuperDistribution and Digital Rights Management", IBM, Dec. 30, 1996 |
| | Yes | IP Workshop - CUPID: "Protocols and Services (ver. 1): An Architectural Overview", CNI, last update Nov. 20, 1997 |
| Y | Yes | Patent Application EP 0 567 800 A1; Nov. 3, 1993 |
| Y | Yes | Sibert, Olin; Bernstein, David; Van Wie, David; "The DigiBox: A Self-Protecting Container for Information Commerce", First USENIX Workshop on Electronic Commerce, Jul. 11-12, 1995 |
| Y | Yes | Willett, Shawn; "Metered PCs: Is your system watching you?", Wave Systems beta tests new technology", IDG Communications, Inc. InfoWorld, May 2, 1994 |
| Y | Yes | Weber, Robert; "Metering Technologies for Digital Intellectual Property - A Report to the International Federation of Reproduction Rights Organisations", International Federation of Reproduction on Rights Organisations, Northeast Consulting Resources, Inc., Oct. 1994 |
| Y | Yes | TULIP Final Report, ISBN 0-444-82540-1, 1991, revised Sep. 18, 1996 |
| | Yes | U.S. 5,634,012; May 27, 1997 |
| | Yes | U.S. 5,715,403; Feb. 3, 1998 |
| | Yes | U.S. 5,845,281; Dec. 1, 1998 (For Priority, Feb. 1, 1995) |
| Y | Yes | Brin, Sergey; Davis, James; Garcia-Molina, Hector; "Copy Detection Mechanism for Digital Documents", Stanford University |
| Y | Yes | Weber, Robert; "Digital Rights Management Technologies - A Report to the International Federation of Reproduction Rights Organisations", Northeast Consulting Resources, Inc., Oct. 1995 |

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|-------------|-----------------|---|
| | Yes | Erickson, John S.; "Rights Management Through Enhanced Attribution", Presented at INET 96 Proceedings, Jun., 1996 |
| | Yes | White, James E.; "Telescript: The Foundation for the Electronic Marketplace", Ver. 5.0, General Magic, Inc., Nov. 30, 1993 |
| | Yes | Ketchpel, Steve P.; Garcia-Molina, Hector; Paepcke, Andreas; "Shopping Models: A Flexible Architecture for Information Commerce", Stanford University |
| | Yes | Lagoze, Carl; "A Secure Repository Design for Digital Libraries", D-Lib Magazine, Dec. 1995 |
| Y | Yes | "Introduction to Smart Cards v. 1.0", Gemplus Card International, Mar. 21, 1991 |
| | Yes | Abadi, M.; Burrows, M.; Kaufman, C.; Lampson, B.; "Authentication and Delegation with Smart-cards", Digital Equipment Corporation |
| Y | Yes | Tygar, J.D.; Yee, Bennet; "Dyad: A System for Using Physically Secure Coprocessors", IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1, Jan. 1994 |
| | Yes | St. Johns, M.; "Draft Revised IP Security Option", Network Working Group, RFC 1038, Jan. 1988 |
| | Yes | Galvin, J.; McCloghrie, K.; Davin, J.; "SNMP Security Protocols", Network Working Group RFC 1352, Jul., 1992 |
| | Yes | U.S. 5,163,091; Nov. 10, 1992 |
| | Yes | U.S. 5,355,474; Oct. 11 1994 |
| Y | Yes | U.S. 5,678,170; Oct. 14, 1997 |
| | Yes | U.S. 5,765,152; Jun. 9, 1998 |
| | Yes | Shear, Victor; "Solutions for CD-ROM Pricing and Data Security Problems" |
| | Yes | Williams, Tony; "Microsoft Object Strategy", Microsoft PowerPoint presentation, 1990 |
| Y | Yes | "OLE 2.0 Draft Content: Object Linking & Embedding", Microsoft, Jun. 5, 1991 |
| | Yes | "Multimedia System Services Ver. 1.0", Hewlett-Packard, IBM, & SunSoft, 1993 |
| | Yes | Draft "Request for Technology: Multimedia System Services", Ver. 1.1, Interactive Multimedia Association Compatibility Project, Oct. 16, 1992 |
| | Yes | "Request for Technology: Multimedia System Services", Ver. 2.0, Interactive Multimedia Association Compatibility Project, Nov. 9, 1992 |
| | Yes | Wobber, Edward; Abadi, Martin; Burrows, Mike; Lampson, Butler; "Authentication in the Taos Operating System", Digital Equipment Corporation, Dec. 10, 1993 |
| | Yes | Custer, Helen; <u>Inside Windows NT</u> , Microsoft Press, pages 26-42 and 329-330, 1993 |
| Y | Yes | Dynamic linking of SunOS |
| Y | Yes | Blaze, Matt, "A Cryptographic File System for Unix", preprint of paper to be presented at First ACM Conference on Communications and Computing Security, Nov. 3-5, 1993 |
| | Yes | Gamble, Todd; "Implementing Execution Controls in Unix", USENIX Association, Proceedings of the Seventh Systems Administration Conference (LISA VII), Nov. 1-5, 1993 |

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|-------------|-----------------|--|
| Y | Yes | Garfinkel, Simson; Spafford, Gene; <u>Practical Unix Security</u> , O'Reilly & Associates, Inc., 1994 |
| | Yes | Blaze, Matt; Ioannidis, John; "The Architecture and Implementation of Network-Layer Security Under Unix", Columbia University and AT&T Bell Laboratories, 1994 |
| | Yes | Sandhu, Ravi S.; "The Typed Access Matrix Model", Proceedings of IEEE Symposium on Security & Privacy, May 4-6, 1992 |
| | Yes | Curry, David A.; <u>Unix System Security: A Guide for Users and System Administrators</u> , Addison-Wesley, 1992 |
| Y | Yes | FreeBSD System manager's Manual "LDCONFIG", Oct. 3, 1993 |
| | Yes | "Requirements for the Software License Management System", System Management Work Group, Rev. 3, Unix International, Jul. 23, 1992 |
| Y | Yes | Film canister |
| Y | Yes | Safety deposit box |
| | Yes | Central Point Anti-Virus, Central Point Software, 1993 |
| | Yes | Symantec Anti-Virus for Macintosh (a.k.a. SAM), Symantec, 1993 |
| Y | Yes | VirusCheck and VirusScan, McAfee, 1993 |
| | Yes | Goodman, Bill; Compactor Pro |
| | Yes | Enigma V.25 |
| | Yes | StuffIt Deluxe v.1.5, v.3.0, v.3.5, Aladdin Systems, 1988-1994 |
| Y | Yes | Harris, Jed; Ruben, Ira; "Bento Specification", Rev. 1.0d5, Apple Computer, Jul. 15, 1993 |
| | Yes | Koenig, Andrew; "Automatic Software Distribution", USENIX Summer Conference Proceedings, Jun. 12-15, 1984 |
| | Yes | Microsoft Internet Explorer v.2.0 |
| | Yes | <u>Think C: Object-Oriented Programming Manual</u> , Symantec Corporation, 1989 |
| | Yes | <u>Think Pascal User Manual</u> , Symantec Corporation, 1990 |
| Y | Yes | Mori, Ryoichi; Kawahara, Masaji; "Superdistribution: The Concept and the Architecture", The Transactions of the IEICE, Vol. E 73, No. 7, Jul., 1990 |
| | Yes | Epstein, Jeremy; Shugerman, Marvin; "A Trusted X Window System Server for Trusted Mach", USENIX Association, Mach Workshop, Aug. 30, 1990 |
| | Yes | McCollum, Catherine J.; Messing, Judith R.; Notargiacomo, LouAnna; "Beyond the Pale of MAC and DAC -- Defining New Forms of Access Control", IEEE, 1990 |
| | Yes | Abrams, Marshall D.; "Renewed Understanding of Access Control Policies", Proceedings of the 16th Computing National Security Conference, 1993 |
| | Yes | Blaze, Matt; Feigenbaum, Joan; Lacy, Jack; "Decentralized Trust Management", Proc. IEEE Conference on Security and Privacy, May 1996 |
| Y | Yes | Chaum, David; "Achieving Electronic Privacy", Scientific American, Aug. 1992 |
| | Yes | <u>UniverCD: The interactive, online library of product information from Cisco Systems</u> , Cisco Systems, 1993 |
| Y | Yes | DCE |
| | Yes | Fine, Todd; Minear, Spencer E.; "Assuring Distributed Trusted Mach", Secure Computing Corporation |
| | Yes | U.S. 5,412,717; May 2, 1995 |

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|-------------|-----------------|--|
| | Yes | Fugini, M.G.; Zicari, R.; "Authorization and Access Control in the Office-Net System", Computer Security in the Age of Information, IFIP, 1989 |
| | Yes | Abadi, M.; Burros, M.; Lampson, B.; Plotkin, G.; "A Calculus for Access Control in Distributed Systems", Digital Equipment Corporation, Feb. 28, 1991, revised Aug. 28, 1991 |
| Y | Yes | Lampson, Butler; Abadi, Martin; Burrows, Michael; Wobber, Edward; "Authentication in Distributed Systems: Theory and Practice", Digital Equipment Corporation, 1992 |
| | Yes | Rivest, Ronald L.; Lampson, Butler; "SDSI - A Simple Distributed Security Infrastructure", MIT and Microsoft Corporation, Apr. 30, 1996 |
| | Yes | Thompson, Victoria P.; Wentz, F. Stan; "A Concept for Certification of an Army MLS Management Information System", Proceedings of the 16th National Computer Security Conference, Sep. 20-23, 1993 |
| | Yes | Frederick, Keith P.; "Certification and Accreditation Approach", Air Force Cryptologic Support Center (OL-FP) |
| Y | Yes | PCT Application WO 96/27155; Published Sep. 6, 1996 |
| | Yes | U.S. 5,910,987; Jun. 8, 1999 |
| Y | Yes | Rozenblit, Moshe; "Secure Software Distribution", IEEE 0-7803-1811-0/94, 1994 |
| Y | Yes | Stefik, Mark; <u>Internet Dreams: Archetypes, Myths, and Metaphors</u> , "Letting Loose the Light: Igniting Commerce in Electronic Publication", The MIT Press, 1996 |
| | Yes | AT&T PersonaLink, [Before Feb. 13, 1995] |
| | Yes | Neuman, B. Clifford; "Proxy-Based Authorization and Accounting for Distributed Systems", Proceedings of the 13th Int'l Conference on Distributed Computing Systems, May 1993 |
| Y | Yes | Tygar, J.D.; Yee, Bennet S.; (R. Rashid, ed.); "Strongbox: A System for Self-Securing Programs" |
| | Yes | Yee, Bennet; Tygar, J.D.; "Secure Coprocessors in Electronic Commerce Applications", Proceedings of the First USENIX Workshop on Electronic Commerce, Jul. 1995 |
| | Yes | U.S. 4,278,837; Jul. 14, 1981 |
| | Yes | U.S. 3,806,874; Apr. 23, 1974 |
| Y | Yes | U.S. 4,748,561; May 31, 1988 |
| Y | Yes | U.S. 4,796,220; Jan. 3, 1989 |
| | Yes | U.S. 4,817,140; Mar. 28, 1989 |
| Y | Yes | U.S. 4,866,769; Sep. 12, 1989 |
| Y | Yes | U.S. 5,014,234; May 7, 1991 |
| Y | Yes | U.S. 5,113,518; May 12, 1992 |
| | Yes | U.S. 5,204,897; Apr. 20, 1993 |
| | Yes | U.S. 5,218,605; Jun. 8, 1993 |
| Y | Yes | U.S. 5,260,999; Nov. 9, 1993 |
| Y | Yes | U.S. 5,291,598; Mar. 1, 1994 |
| Y | Yes | U.S. 5,337,357; Aug. 9, 1994 |
| | Yes | U.S. 5,421,006; May 30, 1995 |
| | Yes | U.S. 5,438,508; Aug. 1, 1995 |
| | Yes | U.S. 5,490,216; Feb. 6, 1996 |
| Y | Yes | U.S. 5,603,031; Feb. 11, 1997 |

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|-------------|-----------------|---|
| | Yes | U.S. 5,692,047; Nov. 25, 1997 |
| | Yes | U.S. 5,724,425; Mar. 3, 1998 |
| | Yes | U.S. 5,940,504; Aug. 17, 1999 |
| | Yes | U.S. 5,978,484; Nov. 2, 1999 |
| | Yes | U.S. 6,016,393; Jan. 18, 2000 |
| | Yes | Woo, Thomas Y.C.; Lam, Siman S.; "A Framework for Distributed Authorization", 1st Conf. Computer & Comm. Security, ACM, Nov., 1993 |
| | Yes | Sandhu, Ravi S.; Suri, Gurpreet S.; "Implementation Considerations for the Typed Access Matrix Model in a Distributed Environment", Proc. Of the 15th National Computer Security Conference, Oct. 1992 |
| | Yes | O'Conner, MaryAnn; "New Distribution Options for Electronic Publishers: iOpener Data Encryption and Metering System for CD-ROM Use", CD-ROM Professional, Vol 7, No. 2, ISSN 1409-0833, Mar. 1994 |
| | Yes | Herzberg, A; Karmi, G; "On Software Protection", Proceedings of the 4th Jerusalem Conference on Information Technology (JCIT), IEE Computer Society Press, Apr. 1984 |
| | Yes | Smith, Mary Grace; Weber, Robert; "A New Set of Rules for Information Commerce: Rights-Protection Technologies and Personalized-Information Commerce Will Affect All Knowledge Workers", CommunicationsWeek, Nov. 6, 1995 |
| Y | Yes | DOD "Rainbow Series" |
| | Yes | Rosenthal, Doug; "EINet: A Secure, Open Network for Electronic Commerce", IEEE, 1994 |
| Y | Yes | Patent Application EP 0 367 700 A2; May 9, 1990 |
| Y | Yes | Hauser, R.; Bauknecht, K.; "LTTP Protection - A Pragmatic Approach to Licensing", Institut fur Informatik, Universitat Zurich, Jan. 13, 1994 |
| | Yes | "Multimedia Mixed Object Envelopes Supporting a Graduated Fee Scheme via Encryption"; IBM Technical Disclosure Bulletin, Vol. 37, No. 3, Mar. 1994 |
| | Yes | Cox, Brad; "No Silver Bullet Revisted", American Programmer Journal, Nov. 1995 |
| | Yes | "Privacy and the NII: Safeguarding Telecommunications-Related Personal Information", U.S. Dept. of Commerce, Oct. 1995 |
| | Yes | Joseph Ebersole, Protecting Intellectual Property Rights on the Information Superhighways, Mar. 1994 |
| Y | Yes | Herzberg, Amir; Printer, Shlomit S.; "Public Protection of Software", <u>ACM Transactions on Computer Systems</u> , Vol. 5, No. 4, Nov. 1987 |
| | Yes | Hickman, Kipp E.B.; SSL 2.0 Protocol Specification |
| | Yes | Gosler, James; "Software Protection: Myth or Reality", <u>Lecture Notes in Computer Science</u> , Advances in Cryptology - Crypto '85 Proceedings, 1985 |
| | Yes | Aucsmith, David; "Tamper Resistent Software: An Implementation", IAL |
| | Yes | U.S. Patent No. 5,671,279; Sept. 23, 1997 |
| Y | Yes | Kahn, Robert; Wilensky, Robert; "A Framework for Distributed Digital Object Services", <u>Corporation for National Research Initiatives</u> , May 13, 1995 |
| Y | Yes | Gasser, Morrie; Goldstein, Andy; Kaufman, Charlie; Lampson, B; "The Digital Distributed System Security Architecture", <u>Proceedings of 1989 National Computer Security Conference</u> , 1989 |

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|-------------|-----------------|--|
| Y | Yes | Neuman, B. Clifford; Ts'o, Theodore; "Kerberos: An Authentication Service for Computer Networks", IEEE Communications Magazine, Sep. 1994 |
| | Yes | Reiher, Peter; Page, Jr., Thomas; Popek, Gerald; Cook, Jeff; Crocker, Stephen; "Truffles -- Secure File Sharing With Minimal System Administrator Intervention", UCLA, Trusted Information Systems |
| Y | Yes | Reiher, Peter; Page, Jr., Thomas; Popek, Gerald; Cook, Jeff; Crocker, Stephen; "Truffles -- A Secure Service for Widespread File Sharing", UCLA, Trusted Information Systems |
| Y | Yes | "ISO, Open Systems Interconnection: Security Architecture, ISO 7498/1", 1988 |
| Y | Yes | "ISO, Open Systems Interconnection: Security Architecture, ISO 7498/2", ISO, 1988 |
| | Yes | U.S. 5,222,134; Jun. 22, 1993 |
| | Yes | Rindfrey, Jochen; "Security in the World Wide Web", Fraunhofer Institute for Computer Graphics, Dec. 1996 |
| | Yes | Finin, Tim; Fritzson, Rich; McKay, Don; "A Language and Protocol to Support Intelligent Agent Interoperability", Proceedings of the CE & CALS Washington '92 Conference, Apr. 1992 |
| Y | Yes | Winslet, Marianne; Smith, Kenneth; Qian, Xiaolei; "Formal Query Languages for Secure Relational Databases", ACM Transactions on Database Systems, Vol. 19, No. 4, Dec. 1994 |
| | Yes | Jones, V.E.; Ching, N.; Winslett, M.; "Credentials for Privacy and Interoperation", University of Illinois at Urbana-Champaign |
| | Yes | Greenwald, Steven J.; Newman-Wolfe, Richard E.; "The Distributed Compartment Model for Resource Management and Access Control", Technical Report Number TR94-035, The University of Florida, Oct. 1994 |
| Y | Yes | Moffett, Jonathan D.; "Delegation of Authority Using Domain-Based Access Rules", thesis, Imperial College of Science, Technology & Medicine, University of London, Jul., 1990 |
| Y | Yes | Lagoze, Carl; McGrath, Robert; Overly, Ed; Yeager, Nancy; "A Design for Inter-Operable Secure Object Stores (ISOS)", Cornell University, NCSA, CNRI, Nov. 7, 1995 |
| | Yes | Aharonian, Gregory; "Software Patents - Relative Comparison of EPO/PTO/JPO Software Searching Capabilities", Source Translation & Optimization |
| | Yes | Gaster, Jens L.; "Authors' Rights and Neighbouring Rights in the Information Society", DG XV/E/4, European Commission |
| | Yes | "Europe and The Global Information Society Recommendations to the European Council", Bamgemann Report, www.medicif.org web pages, Global Information Society, May, 26, 1994 |
| | Yes | Bernstein, David; Lenowitz, Erwin; "Copyrights, Distribution Chains, Integrity, and Privacy: The Need for a Standards-Based Solution", Electronic Publishing Resources |
| | Yes | Rubin, A.D.; Honeyman, P.; "Long Running Jobs in an Authenticated Environment", CITI Technical Report 93-1, Center for Information Technology Integration, Mar. 29, 1993 |
| | Yes | Sammer, Peter; Ausserhofer, Andreas; "New Tools for the Internet", Joanneum Research, Graz University of Technology |

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| | Yes | Eizenberg, Gerard, "Contribution of Information Technology Security to Intellectual Property Protection", CERT-DERI |
| | Yes | Antonelli, C.J.; Doster, W.A.; Honeyman, P.; "Access Control in a Workstation-Based Distributed Computing Environment", CITI Technical Report 90-2, Jul. 17, 1990 |
| | Yes | Lord, S.P.; Pope, N.H.; Stepney, Susan; "Access Management in Multi-Administration Networks", IEE 2nd International Conference on Secure Communication Systems, 1986 |
| | Yes | Stepney, Susan; Lord, Stephen P.; "Formal Specification of an Access Control System", Software-Practice and Experience, Vol 17(9), 1987 |
| | Yes | Brunnstein, Klaus; Sint, Peter P.; "Intellectual Property Rights and New Technologies", Proceedings of the KnowRight'95 Conference, Aug. 1995 |
| | Yes | Rubin, A.D.; Honeyman, P.; "Formal Methods for the Analysis of Authentication Protocols CITI Technical Report 93-7", Center for Information Technology Integration, Nov. 8, 1993 |
| | Yes | Lexis/WestLaw |
| Y | Yes | U.S. 6,135,646; Oct. 24, 2000 |
| | Yes | Bishop, Matt; "Privacy-Enhanced Electronic Mail", Privacy and Security Research Group, IAB |
| Y | Yes | Kim, Won; Ballou, Nat; Chou, Hong-Tai; Garza, Jorge F.; Woelk, Darrell; "Features of the ORION Object-Oriented Database System" |
| | Yes | "Key Management Using ANSI X9.17", Federal Information Processing Standards Publication 171, U.S. Department of Commerce, Apr. 27, 1992 |
| | Yes | "S/PAY: RSA's Developer's Suite for Secure Electronic Transactions (SET)", RSA Data Security, Inc., 1997 |
| | Yes | Perlman, Bill; "A Working Anti-Taping System for Cable Pay-Per-View", IEEE Trans. On Consumer Electronics, Vol. 35, No.3, Aug. 1989 |
| Y | Yes | Organick, Elliott I.; "The Multics System: An Examination of Its Structure", MIT Press, 1972 |
| Y | Yes | Cina Jr., Vincent J.; White, Star R.; Comerford, Liam; "ABYSS: A Basic Yorktown Security System PC Software Asset Protection Concepts", IBM Research Report Number RC 12401, IBM Thomas J. Watson Research Center, Dec. 18, 1986 |
| Y | Yes | White, Steve R.; Comerford, Liam; "ABYSS: An Architecture for Software Protection", IEEE Transactions on Software Engineering, Vol. 16, No. 6, Jun. 1990 |
| Y | Yes | Davies, D.W.; Price, W.L.; <u>Security for Computer Networks</u> , John Wiley & Sons, 1984 |
| | Yes | "MSDN - INF: LAN Manager 2.1 Server Autotuning (Part 2)", PSS ID Number Q80078, Microsoft, Feb. 1993 |
| Y | Yes | "MSDN - License Service Application Programming Interface", API Specification v1.02, Microsoft, Jan. 1993 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|---|
| | Yes | "International Infrastructure Standards Panel: IISP Need #31 - Containers or Secure Packaging; IISP Need #32 - Authentication of Content; IISP Need #33 - Control Enforcement; IISP Need #34 - Billing and Payment; IISP Need #35 - Reporting" ANSI Online, Sep. 18, 1995 |
| Y | Yes | "Cryptographic API Specification", Version 0.6, Microsoft, Mar. 1995 |
| | Yes | Everett, David B.; "Smart Card Tutorial - Part 1", Sep. 1992 |
| Y | Yes | Paradinas, Pierre; Vandewalle, Jean-Jacques; "New Directions for Integrated Circuit Cards Operating Systems" |
| Y | Yes | Hauser, Ralf; "Control of Information Distribution and Access", Dissertation Der Wirtschaftswissenschaftlichen Fakultät Der Universität Zurich, May 31, 1995 |
| | Yes | Rindfrey, Jochen; "Towards an Equitable System for Access Control and Copyright Protection in Broadcast Image Services: The Equicrypt Approach", Fraunhofer Institute for Computer Graphics |
| | Yes | Wells, Rob; <u>Odyssey of Plastic Purchase: 20-Second Round-Trip</u> , Associated Press, Dec. 1993 |
| | Yes | <u>Payment Systems: Strategic Choices for the Future</u> , Hitachi Research Institute; Institute of Advanced Business Systems, Hitachi, Ltd., 1993 |
| | Yes | "EFT Network Data Book - 1993 Edition", Bank Network News, Vol. 11, No. 13, Nov. 1992 |
| | Yes | "American National Standard: Specification for Financial Message Exchange Between Card Acceptor and Acquirer, X9.15", American Banker's Association, 1990 |
| | Yes | "ISO 7813-1987 Identification Cards - Financial Transaction Cards", ISO, 1987 |
| Y | Yes | MSDN Issue: Summer 1992; Vol. No.: 0 (Beta); 1 Disk, Microsoft, 1992 |
| Y | Yes | MSDN Issue: Sep. 1992; Vol. No.: 1; 1 Disk, Microsoft, Sep. 1992 |
| Y | Yes | MSDN Issue: Jan 1993; Vol. No. 2; 1 Disk, Microsoft, Jan. 1993 |
| Y | Yes | MSDN Issue: Apr. 1993; Vol. No. 3; 1 Disk, Microsoft, Apr. 1993 |
| Y | Yes | MSDN Issue: Summer 1993; Vol. No. 4; 1 Disk, Microsoft, Jul. 1993 |
| Y | Yes | MSDN Issue: Fall 1993; Vol. No. 5; 1 Disk, Microsoft, Oct. 1993 |
| Y | Yes | MSDN Issue: Winter 1994; Vol. No. 6; 1 Disk, Microsoft, Jan. 1994 |
| Y | Yes | MSDN Issue: Apr. 1994; Vol. No. 7; 1 Disk, Microsoft, Apr. 1994 |
| Y | Yes | MSDN Issue: Jul. 1994; Vol. 8; 1 Disk, Microsoft, Jul. 1994 |
| Y | Yes | MSDN Issue: Oct. 1994; Vol. 9; 1 Disk, Microsoft, Oct. 1994 |
| Y | Yes | MSDN Issue: Jan 1995; Vol. 10; 1 Disk, Microsoft, Jan. 1995 |
| Y | Yes | MSDN Issue: Apr. 1995; Vol. 11; 1 Disk, Microsoft, Apr. 1995 |
| Y | Yes | MSDN Issue: Jul. 1995; Vol. 12; 1 Disk, Microsoft, Jul. 1995 |
| Y | Yes | MSDN Issue: Oct. 1995; Vol. 13; 1 Disk, Microsoft, Oct. 1995 |
| Y | Yes | MSDN Issue: Jan 1996; Vol. 14; 2 Disks, Microsoft, Jan. 1996 |
| Y | Yes | MSDN Issue: Apr. 1996; Vol. 15; 2 Disks, Microsoft, Apr. 1996 |
| Y | Yes | MSDN Issue: Jul. 1996; Vol. 16; 1 Disk, Microsoft, Jul. 1996 |
| Y | Yes | MSDN Issue: Oct. 1996; Vol. 17; 2 Disks, Microsoft, Oct. 1996 |
| Y | Yes | MSDN Issue: Jan 1997; Vol. 18; 2 Disks, Microsoft, Jan. 1997 |
| Y | Yes | MSDN Issue: 16-Bit Archive 1997; Vol. NA; 1 Disk, Microsoft, Jan. 1997 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Readers Obvious | Description |
|-------------|-----------------|---|
| Y | Yes | MSDN Issue: Apr. 1997; Vol. No. 20; 2 Disks, Microsoft, Apr. 1997 |
| Y | Yes | MSDN Issue: Jul. 1997; Vol. No. 21; 2 Disks, Microsoft, Jul. 1997 |
| Y | Yes | MSDN Issue: Oct. 1997; Vol. No. 24; 2 Disks, Microsoft, Oct. 1997 |
| Y | Yes | MSDN Issue: Visual Studio 1997; Vol. No. 191; 1 Disk, Microsoft, 1997 |
| Y | Yes | MSDN Issue: Jan. 1998; Vol. No. 27; 2 Disks, Microsoft, Jan. 1998 |
| Y | Yes | MSDN Issue: Apr. 1998; Vol. No. 30; 2 Disks, Microsoft, Apr. 1998 |
| Y | Yes | MSDN Issue: Jul. 1998; Vol. No. 33; 3 Disks, Microsoft, Jul. 1998 |
| Y | Yes | MSDN Issue: Oct. 1998; Vol. No.: None; 3 Disks, Microsoft, Oct. 1998 |
| Y | Yes | MSDN Issue: Jan 1999; Vol. No.: None; 3 Disks, Microsoft, Jan. 1999 |
| Y | Yes | MSDN Issue: Apr. 1999; Vol. No.: None; 3 Disks, Microsoft, Apr. 1999 |
| Y | Yes | MSDN Issue: Jul. 1999; Vol. No.: None; 3 Disks, Microsoft, Jul. 1999 |
| Y | Yes | MSDN Issue: Oct. 1999; Vol. No.: None; 3 Disks, Microsoft, Oct. 1999 |
| Y | Yes | Chaum, David; <u>Smart Card 2000</u> , Selected Papers from the Second International Smart Card 2000 Conference, Oct. 4-6, 1989 |
| Y | Yes | CD Jukebox |
| | Yes | U.S. Patent No. 4,926,480; May 15, 1990 |
| | Yes | U.S. Patent No. 4,529,870; Jul. 16, 1985 |
| | Yes | Meyer, Carl H.; Matyas, Stephen M.; <u>Cryptography: A New Dimension in Computer Security</u> , John Wiley & Sons, New York, 1982 |
| | Yes | "Interchange Message Specification for Debit and Credit Card Message Exchange Among Financial Institutions", <u>American National Standard</u> , Accredited Standards Committee X9-Financial Services Committee, ANSI X9.2-1988, American Bankers Association, May 16, 1988 |
| Y | Yes | Excerpts from Jul. 1993 MSDN disks, Jul. 1993 |
| Y | Yes | Cox, Benjamin; Tygar, J.D.; Sirbu, Marvin; "NetBill Security and Transaction Protocol", Carnegie Mellon University |
| | Yes | Cox, Brad; "What if there is a Silver Bullet and the competition gets it first?", <u>Journal of Object-oriented Programming</u> , Jun. 1992 |
| Y | Yes | "CITED Final Report: A Guide to CITED Documentation", ESPRIT, Project 5469, ISBN 0-7123-2115-2, <u>The CITED Consortium</u> , Sep. 1994 |
| Y | Yes | Boisson, Jean-Francois; "1 - Business Perspectives and Requirements, 2 - The CITED Project: keys and knowledge", CITED 5469 |
| Y | Yes | Van Slype, Georges; "Knowledge Economy: future trends", CITED 5469 |
| Y | Yes | Boisson, Jean-Francois; "Software components: deliverable Trial Offer", CITED 5469 |
| Y | Yes | Van Slype, Georges; "The CITED approach, Ver. 4.0", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Apr. 20, 1994 |
| Y | Yes | Moens, Jan; "Report on the users requirements, Ver. 1.0", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Nov. 27, 1991 |
| Y | Yes | Schulze, Dr. J.; "Case of application of the generic CITED Model to the CITEDisation in the software distribution process", ESPRIT II, Project , Jan. 12, 1993 |
| Y | Yes | Moens, Jan; "Case of application of the generic CITED Model to the CITEDisation of a directory database on CD-ROM, Ver. 2.0", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Nov. 30, 1992 |
| Y | Yes | Pijnenborg, Mari F.J.; "CITED Final Report", Elsevier Science B.V., Apr. 1994 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Rendered Obvious | Description |
|-------------|------------------|--|
| Y | Yes | Boisson, Jean-Francois; "How to CITEDise application: Guidelines and examples", CITED 5469 |
| Y | Yes | Nguyen, Thanh; Saint Etienne, Patricia Louise (SAGEM); "Guidelines for Validation of a CITED System", CITED 5469, SA-21-40-003, Jul. 4, 1994 |
| Y | Yes | Van Slype, Georges; "The future of CITED: a feasibility study, Ver. 1.1 - Vol. I: Summary report and recommendations", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Mar. 28, 1994 |
| Y | Yes | Van Slype, Georges; "The future of CITED: a feasibility study, Ver. 1.1 - Vol. III: Draft CITED interchange formats", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Mar. 28, 1994 |
| Y | Yes | "CITED: Copyright in Transmitted Electronic Documents, Special Interest Group", CITED, Meeting, Heathrow, Sep. 22, 1993 |
| Y | Yes | Miscellaneous letters from Georges Van Slype at Bureau Van Dijk, Mar. 30, 1995 |
| Y | Yes | Pijnenborg, Mari F.J.; "auteursrecht en de digitale bibliotheek", 195 Open, Jan. 37, 1995 |
| Y | Yes | Miscellaneous letters from Georges Van Slype at Bureau Van Dijk, Feb. 13, 1995, Nov. 2, 1994 |
| Y | Yes | Van Slype, Georges; "PL4 RACE/ACCOPI Workshop on Conditional Access and Copyright Protection", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Nov. 9, 1994 |
| Y | Yes | Miscellaneous letters from G. Van Slype at Bureau Van Dijk, Sep. 12, 1994, Sep. 1994, May 11, 1994, May 10, 1994, May 6, 1994, May 4, 1994, Apr. 21, 1994, Apr. 20, 1994 |
| Y | Yes | Letter re: ESPRIT III - Project 5469 (CITED) from A. Stajano at Commission of the European Communities, Oct. 7, 1993 |
| Y | Yes | ESPRIT Project: 5469: Contract Amendment Number: 2; Commission of the European Communities, Sep. 16, 1993 |
| Y | Yes | Miscellaneous letters from George Van Slype at Bureau Van Dijk, Apr. 19, 1994, Apr. 18, 1994, Apr. 11, 1994, Apr. 6, 1994 |
| Y | Yes | "The Future of Cited: A Feasibility Study", ESPRIT II, Project 5469, <u>The CITED Consortium</u> Apr. 15, 1994 |
| Y | Yes | Miscellaneous letters from Bureau Van Dijk, Mar. 30, 1994, Mar. 24, 1994, Feb. 10, 1994, Feb. 10, 1994 |
| Y | Yes | Handwritten note re: GVS and AJL, Mar. 2, 1994 |
| Y | Yes | Miscellaneous letters from Bureau Van Dijk, Feb. 9, 1994, Jan. 27, 1994, Jan. 19, 1994, Jan. 12, 1994, Dec. 22, 1993, Nov. 30, 1993, Nov. 22, 1993, Dec. 6, 1993, Nov. 16, 1993, Oct. 15, 1993, Oct. 7, 1993, Oct. 4, 1993, Sep. 20, 1993, Sep. 7, 1993, May 19, 1993, Oct. 13, 1993 |
| Y | Yes | Bureau Van Dijk Management Report for Task 4.5: Feasibility Study of the Cited Agency, 1992-1993 |
| Y | Yes | Bureau van Dijk: Gestion des contrats, 497C C.C.E. : CITED (SUITE), Feb. 1993 |
| Y | Yes | "CITED: Preparation of the CITED model functional requirements specifications - Discussion paper (revision 1)", Bureau Van Dijk, Jan. 16, 1991 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Render's Obvious | Description |
|-------------|------------------|--|
| Y | Yes | "CITED: Preparation of the CITED Model Functional Requirements Specifications – Report of the interview with OXFORD UNIVERSITE PRESS, CITED part", Bureau Van Dijk, Feb. 27, 1991 |
| Y | Yes | "CITED: Preparation of the CITED Model Functional Requirements Specifications – Reports of the interviews with five CITED Partners" (Partners: Sagem, Telesystemes, NTE, Elsevier, Oxford University Press), Bureau Van Dijk, Apr. 5, 1991 |
| Y | Yes | "CITED: Preparation of the CITED Model Functional Requirements Specifications – Reports of the interviews with Seven International Organizations: EBU, ECMA, ELDA, IFPI, IFTC, STM, WIPO", Bureau Van Dijk, May 27, 1991 |
| Y | Yes | Van Slype, Georges; Moens, Jan; Vannieuwenhuysse, Lawrence; "The future of CITED: a feasibility study", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Nov. 15, 1993 |
| Y | Yes | Van Slype, Georges; "Draft CITED interchange formats, Ver. 1.0", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Jan. 28, 1994 |
| Y | Yes | Miscellaneous letter from Georges Van Slype at Bureau Van Dijk, Feb. 28, 1994 |
| Y | Yes | Van Slype, Georges; "The future of CITED : a feasibility study, Ver. 1.0 – Vol. I: Summary report and recommendations", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Feb. 28, 1994 |
| Y | Yes | Van Slype, Georges; Moens, Jan; Vannieuwenhuysse, Laurence; "The future of CITED: a feasibility study, Ver. 1.0 – Vol. II: Full report", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Feb. 28, 1994 |
| Y | Yes | Van Slype, Georges; "The future of CITED: a feasibility study, Ver. 1.1 – Vol. III: Draft CITED interchange formats", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , Feb. 28, 1994 |
| Y | Yes | "The Future of Cited: A Feasibility Study", ESPRIT II, Project 5469, CITED Project Review, Apr. 15, 1994 |
| Y | Yes | Van Slype, Georges; "PL4 RACE/ACCOPI Workshop on Conditional Access and Copyright Protection", ESPRIT II, Project 5469, Presentation of the CITED, Nov. 9, 1994 |
| Y | Yes | Van Slype, Georges; "Natural Language version of the generic CITED model, Ver. 4.2 – Vol. I: Presentation of the generic model", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , May 8, 1995 |
| Y | Yes | Van Slype, Georges; "Natural language version of the generic CITED model, Ver. 2.1 – Vol. II ECMS (Electronic Copyright Management System) design for computer based applications", ESPRIT II, Project 5469, <u>The CITED Consortium</u> , May 8, 1995 |
| | Yes | Cousins, Steve B.; Ketchpel, Steven P.; Paepcke, Andreas; Garcia-Molina, Hector; Hassan, Scott W.; Roscheisen, Martin; "InterPay: Managing Multiple Payment Mechanisms in Digital Libraries" |
| | Yes | "PKCS #5: Password-Based Encryption Standard", An RSA Laboratories Technical Note, Ver. 1.5, 1991-1993, Revised Nov. 1, 1993 |
| | Yes | "PKCS #8: Private-Key Information Syntax Standard", An RSA Laboratories Technical Note, Ver. 1.2, 1991-1993, Revised Nov. 1, 1993 |
| | Yes | "PKCS #10: Certification Request Syntax Standard", An RSA Laboratories Technical Note, Ver. 1.0, Nov. 1, 1993 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Rendered Obvious | Description |
|-------------|------------------|--|
| | Yes | "PKCS #11: Cryptographic Token Interface Standard", An RSA Laboratories Technical Note, Ver. 2.0, Apr. 15, 1997 |
| | Yes | "PKCS 12 v1.0: Personal Information Exchange Syntax", RSA Laboratories, Jun. 24, 1999 |
| | Yes | "PKCS #13: Elliptic Curve Cryptography Standard", RSA Security, Jan. 12, 1998 |
| | Yes | "PKCS #15 v1.0: Cryptographic Token Information Format Standard", RSA Laboratories, Apr. 23, 1999 |
| | Yes | U.S. 5,335,346; Aug. 2, 1994 |
| Y | Yes | Garfinkel, Simson; Spafford, Gene; <u>Practical UNIX Security</u> , O'Reilly & Associates, Inc., 1991 |
| Y | Yes | Merkle, Ralph C., "Protocols for Public Key Cryptosystems", IEEE, 1980 |
| | Yes | Kaner, Cem; Falk, Jack; Nguyen, Hung Quoc; <u>Testing Computer Software, Second Edition</u> , Van Nostrand Reinhold, 1988 |
| | Yes | Press, Jim; Bunting, Angela "A New Approach to Cryptographic Facility Design", ICL Mid-Range Systems Division Reading, Berks, UK |
| Y | | US 6,256,668; Jul. 3, 2001 |
| Y | | Kim, Gene H.; Spafford, Eugene H.; "Experiences with Tripwire: Using Integrity Checkers for Intrusion Detection", Purdue Technical Report CSD-TR-94-012, Feb. 21, 1994 |
| Y | | "Technical Description: Pay-Per-View Copy Protection", Macrovision, Jun. 1994 |
| Y | | Reali, Patti; "Copy Protection: The answer to pay per view's prayers?", <u>TVRO Dealer</u> , Dec. 1994 |
| | | Swedlow, Tracy; "2000: Interactive Enhanced Television: A Historical and Critical Perspective", <u>Interactive TV Today</u> |
| | | Various articles from EE Times, Week of Oct. 2, 1995 |
| | | "Digital Broadband Delivery System, Phase 1.0, System Overview", Revision 1.0, Scientific Atlanta, 1997 |
| | | Langelaar, G.C. "Overview of protection methods in existing TV and storage devices", SMS-TUD-609-1, Final Ver. 1.2, Feb. 26, 1996 |
| Y | | Solomon, A.; "PC Viruses: Detection, Analysis, and Cure", Springer Verlag 1991. |
| Y | | Galaxy, Opcode Systems, 1991-1994 |
| Y | | Unix System V & BSD & GNU versions prior to Feb 22, 1996 |
| Y | | US 5,673,316; Sep. 30, 1997 |
| Y | | 17 USCA sections 1001 - 1010, Chapter 10 Digital Audio Recording Devices and Media, 1996 |
| | | Hill, Will; Hollan, Jim; "History-Enriched Digital Objects", Computer Graphics and Interactive Media Research Group; Bell Communications Research, 1993 |
| | | Hill, William; Hollan, James D.; "Edit Wear and Read Wear", Computer Graphics and Interactive Media Research Group, ACM; May 3-7, 1992 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Obvious | Description |
|-------------|---------------------|---|
| | Yes | InterTrust Solutions for A2b, InterTrust; Competitive Analysis AT&T/a2b music, Jun. 16, 1998; Email from Chris Drost-Hansen re press release: "AT&T Launches A2B Music Trial for Delivering Songs Over the Internet", Business Wire, Nov. 3, 1997; A2b's Recent Press Coverage, 1998 |
| | Yes | ISO 11568-1 & -2: "Key management (retail) - Part 1: Introduction to key management"; and "- Part 2: Key management techniques for symmetric ciphers", ISO, Dec. 1, 1994 |
| | Yes | ISO 13491-1: "Secure cryptographic devices (retail) - Part 1: Concepts, requirements and evaluation methods", ISO, Jun. 15, 1998 |
| | Yes | ISO 8583-2: "Financial transaction card originated messages - Interchange message specifications - Part 2: Application and registration procedures for Institution Identification Codes (IIC)", ISO, Jul. 1, 1998 |
| | Yes | ISO 8583-3: "Financial transaction card originated messages - Interchange message specifications - Part 3: Maintenance procedures for codes", ISO, Jul. 1, 1998 |
| | Yes | ISO 9564-1 & -2: "Personal Identification Number (PIN) management and security - Part 1: Basic principals and requirements for online PIN handling in ATM and POS systems; & -2 Approved algorithm(s) for PIN encipherment", ISO, Apr. 15, 2002 & Dec. 15, 1991 |
| | Yes | ISO 9807: "Banking and related financial services - Requirements for message authentication (retail)", ISO, Dec. 15, 1991 |
| | Yes | Secure Electronic Transactions; Mastercard and Visa-C345 |
| | Yes | Tanenbaum, Andrew S; van Renesse, Robbert; van Staveren, Hans; Sharp, Gregory J.; Mullender, Sape J.; Jansen, Jack; van Rossum, Guido; "Experiences with the Amoeba Distributed Operating System", Vrije Universiteit and Centrum voor Wiskunde en Informatica |
| | Yes | Tanenbaum, Andrew S; Mullender, Sape J.; van Renesse, Robbert; "Using Sparse Capabilities in a Distributed Operating System", Vrije Universiteit and Centre for Mathematics and Computer Science |
| Y | Yes | Tanenbaum, Andrew S; van Renesse, Robbert; van Staveren, Hans; Sharp, Gregory J.; Mullender, Sape J.; Jansen, Jack; van Rossum, Guido; "Amoeba System", Communications of the ACM, Vol. 33, No. 12, Dec. 1990 |
| | Yes | "KeyKOS Principles of Operation", Key Logic document KLO02-04, 1985, (Fourth Edition, Jan. 1987) |
| | Yes | Landau, Charles R.; "Security in a Secure Capability-Based System", Operating Systems Review, Oct. 1989 |
| | Yes | "Security in KeyKOS" |
| | Yes | Hardy, Norman; "The Keykos Architecture", Key Logic Document KL028-08, Eighth Edition, Dec. 1990 |
| | Yes | Johnson, Howard L.; Koegel, John F.; Koegel, Rhonda M; "A Secure Distributed Capability Based System", ACM, 1985 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

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| Anticipates | Render's Obvious | Description |
|-------------|------------------|---|
| | Yes | Kim, Gene H.; Spafford, Eugene H.; "Experiences with Tripwire: Using Integrity Checkers for Intrusion Detection", COAST Laboratory, Purdue University, Feb. 22, 1995 |
| | Yes | Blaze, Matt; "Key Management in an Encrypting File System", Proc. Summer 1994 USENIX Technical Conference, Jun. 1994 |
| | Yes | Robinson, D.; Ullmann, R.; "Encoding Header Field for Internet Messages", Network Working Group RFC 1154, Apr. 1990; Rose, M.; McCloghrie, K.; "Structure and Identification of Management Information for TCP/IP-based Internets", Network Working Group RFC 1155, May 1990 |
| | Yes | Rose, M.; McCloghrie, K.; "Structure and Identification of Management Information for TCP/IP-based Internets", Network Working Group RFC 1155, May 1990; McCloghrie, K.; Rose, M.; "Management Information Base for Network Management of TCP/IP-based internets", Network Working Group RFC 1156, May 1990; Case, J.; Fedor, M.; Schoffstall, M.; Davin, J.; "A Simple Network Management Protocol (SNMP)", Network Working Group RFC 1157, May 1990 |
| | Yes | Davin, J.; Galvin, J.; McCloghrie, K.; "SNMP Administrative Model", Network Working Group RFC 1351, Jul., 1992; Galvin, J.; McCloghrie, K.; Davin, J.; "SNMP Security Protocols", Network Working Group RFC 1352, Jul., 1992; McCloghrie, K.; Davin, J.; Galvin, J.; "Definitions of Managed Objects for Administration of SNMP Parties", Network Working Group RFC 1353, Jul., 1992 |
| | Yes | "PKCS #1: RSA Encryption Standard", RSA Laboratories Technical Note, Ver. 1.5, Revised Nov. 1, 1993 |
| | Yes | "PKCS #3: Diffie-Hellman Key-Agreement Standard", RSA Laboratories Technical Note, Ver. 1.4, Revised Nov. 1, 1993 |
| | Yes | "PKCS #6: Extended-Certificate Syntax Standard", RSA Laboratories Technical Note, Ver. 1.5, Revised Nov. 1, 1993 |
| | Yes | "PKCS #9: Selected Attribute Types", RSA Laboratories Technical Note, Ver. 1.1, Revised Nov. 1, 1993 |
| | Yes | Shneier, B.; "Description of new variable-length key, 64-bit block cipher (Blowfish)", Fast Software Encryption, Cambridge Security Workshop Proceedings, 1994 |
| | Yes | Feistel, H.; "Cryptographic Coding for Data-Bank Privacy", IBM document RC 2827, Mar. 18, 1970 |
| | Yes | ACORN/ CLEAR, 1996-1998 |
| | Yes | Tuck, Bill; "Electronic Copyright Management Systems: Final Report of a Scoping Study for eLib", Jul., 1996 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|---|
| Y | Yes | <p>"CopySmart (CSM) suit", European Information Technology for Information Science;</p> <p>COPYSMART - 20517: "CITED based multi-media IPR management on cost effective smart device", European Information Technology for Information Science, start date Dec. 1, 1995;</p> <p>Summaries of Projects (FP III/IV) - Part I: "ESPIRIT Project 20517 - COPYSMART CITED based multi-media IPR management on cost effective smart device", European Information Technology for Information Science, Oct. 1998</p> |
| | Yes | "CREANET - Creative Rights European Agency NETwork - Project Profile" information society technologies, edited Feb. 18, 2000 |
| | Yes | "iOpener System Description", National Semiconductor, 1993 |
| | Yes | "iPower Technology" (National Semiconductor marketing brochure) |
| | Yes | <p>"The Standards Business: Time for Change," European Commission DG111 Espirit Project 5th Consensus Forum, Nov. 3-4, 1998;</p> <p>"ESPIRIT Project 20676 - IMPRIMATUR - Intellectual Multimedia Property Rights Model and Terminology for Universal Reference", IMPRIMATUR Consortium, Oct. 1998;</p> <p>Electronic Reserve Copyright Management System (ERCOMS), International Institute for Electronic Library Research, website updated by Ramsden, Anne, Jul. 22, 1996;</p> <p>Achievements Archive, www.imprimatur.net/ web pages;</p> <p>imprimatur news, IMPRIMATUR, Dec. 1998;</p> <p>Reelco, Chair, "The Imprimatur Decisions"</p> |
| | Yes | JUKEBOX-Music Across Borders, LIB-JUKEBOX/4-1049 |
| | Yes | "ESPRIT Project 24378 - MENHIR European Multimedia network of high quality image registration", Museums On Line, Feb. 1, 1997 |
| | Yes | "ESPIRIT Project 22226 - MUSE - Developing standardized digital media management, signaling and encryption systems for the European music sector", International Federation of the Phonographic Industry, Oct. 1998 |
| | Yes | "STARFISH State of the Art Dinancial Services for the inHabitants of isolated areas - Project Profile" information society technologies, time schedule Jan. 21, 2000 - Jun. 30, 2002 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|---|
| | Yes | <p>"TALISMAN - Tracing Authors' rights by Labelling Image Services and Monitoring Access Network," ACTS Project No. AC019, Doc Reference AC019-THO-RGS-FR-P-001-b1, Sep. 25, 1998;</p> <p>Simon, C.; Goray, E.; Vercken, G.; Delivet, B.; Delaigle, JF.; Boucqueau, JM.; "Digital Images protection managment in a broadcast framework: Overview/TALISMAN solution," Thomson-CSF, RTBF, ART3000, UCL;</p> <p>"TALISMAN: Tracing Authors' rights by labelling image services and monitoring access network," ACTS, Swiss Participation in European Research Programmes, Sep. 1, 1995 - Aug. 31, 1998</p> |
| | Yes | <p>"TELENET TELEtraining platform (on NETworks) - Project Profile" information society technologies, time schedule Mar. 6, 2000 - Mar. 30, 2000;</p> <p>"Deliverable D3: Specification of the Infrastructure And explanation of trust and confidence building solutions" Ver. 0.1, Telenet, Jul. 18, 2000;</p> <p>Email from Edmond Kouka to Jean-Francois Boisson re Affaire BC-CreaNet; Feb. 10, 2001;</p> <p>Email from Bogdan Lutkiewicz to Jean-Francois Boisson re TELENET TELEtraining platform - Bogdan Lutkiewicz, Poland, Gdansk; Mar. 4, 2001</p> |
| Y | Yes | Boisson, Jean-Francois; "Management of Intellectual Property Rights in the Electronic Commerce: Textile Design Sales And Other Similar Initiatives," EURITIS |
| | Yes | U.S. Patent No. 5,251,294; Oct. 5, 1993 |
| | Yes | S.H. Low, N.F. Maxemchuk, J.T. Bassil, & L. O'Gorman, Document Marking and Identification Using Both Line and Word Shifting, Infocom 95, 1994 |
| | Yes | Caroni, Maxemchuck & O'Gorman, Electronic Marking and Identification Techniques to Discourage Document Copying, Proc. Infocom 94, 1994 |
| | Yes | Wagner, Fingerprinting, IEEE Symp. On Info. and Privacy, Apr., 93 |
| | Yes | H. Berghal, L. Ogorman, "Protecting Ownership Rights Through Digital Watermarking", IEEE Computing v. 29, No.7, Jul., 1996, |
| | Yes | Chor, Fiat & Naor, Tracing Traitors, Crypto 94, p. 257, 1994 |
| | Yes | David Chaum, "Security Without Identification: Transaction Systems to Make Big Brother Obsolete", Comm. Of the ACM, vol. 28, no. 10, Oct. 1985 |
| | Yes | "Wallet Databases with Observers", David Chaum, Advances in Cryptology -- Proceedings of Crypto '92 (pp. 89-105), 1992 |
| Y | Yes | Sirbu, Marvin; Tygar, J.D.; "NetBill: An Internet Commerce System Optimized for Network Delivered Services", Carnegie Mellon University |
| | Yes | Ulrich Kohl, Jeffrey Lotspiech, Marc Kaplan, "Safeguarding Digital Library Contents and Users", IBM Research Division, D-Lib Magazine, Sept. 97 |
| | Yes | Daniel Schutzer, A Need for a Common Infrastructure: Digital Libraries and Electronic Commerce, Apr. 1996 |
| | Yes | Michael Lesk, Digital Libraries Meet Electronic Commerce: On-Screen Intellectual Property, Dec. 15, 98 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Render Obvious | Description |
|-------------|----------------|--|
| | Yes | Lorcan Dempsey & Stuart L. Weibel; The Warwick Metadata Workshop: A Framework for the Deployment of Resource Description, Jul./ Aug. 96 |
| | Yes | "AT&T Smart Cards Systems & Solutions", AT&T, 1993 |
| Y | Yes | Gemplus; "MCOS: Multi Application Chip Operating System - Introduction", Gemplus Card International, 1990 |
| | Yes | Guillou, Louis C.; "Smart Cards and Conditional Access", Springer-Verlag, 1988 |
| | Yes | David L. Chaum, "Untraceable Electronic Mail, Return Addresses, and Digital Pseudonyms", 1981 |
| | Yes | Kent, S.; "U.S. Department of Defense Security Options for the Internet Protocol", Network Working Group RFC 1108, Nov. 1991 |
| | Yes | Deering, S.E.; "Host Extensions for IP Multicasting", Network Working Group, RFC 1112, Aug. 1989 |
| | Yes | Pethia, R.; Crocker, S.; Fraser, B.; "Guidelines for the Secure Operation of the Internet", Network Working Group RFC 1281, Nov., 1991 |
| | Yes | Galvin, J.; McCloaghrie, K.; "Security Protocols for version 2 of the Simple Network Management Protocol (SNMPv2)", Network Working Group RFC 1446, Apr., 1993 |
| | Yes | Eastlake III, D.; "Physical Link Security Type of Service", Network Working Group RFC 1455, May, 1993 |
| | Yes | Kastenholz, F.; "The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol", Network Working Group RFC 1472, Jun. 1993 |
| Y | Yes | Kohl, J.; Neuman, C.; "The Kerberos Network Authentication Service (V5)", Network Working Group RFC 1510, Sep., 1993 |
| | Yes | Eastlake III, D.; Crocker, S.; Schiller, J.; "Randomness Recommendations for Security", Network Working Group RFC 1750, Dec. 1994 |
| | Yes | Haller, N.; "The S/KEY One-Time Password System", Network Working Group RFC 1760, Feb., 1995 |
| | Yes | Atkinson, R.; "Security Architecture for the Internet Protocol", Network Working Group RFC 1825, Aug., 1995 |
| | Yes | Crocker, S.; Freed, N.; Galvin, J.; Murphy, S.; "MIME Object Security Services", Network Working Group RFC 1848, Oct., 1995 |
| | Yes | U.S. Patent No. 5,251,294; Oct. 5, 1993 |
| | Yes | S.H. Low, N.F. Maxemchuk, J.T. Bassil, & L. O'Gorman, "Document Marking and Identification Using Both Line and Word Shifting," AT&T Bell Laboratories, Infocom 95, Jul. 29, 1994 |
| | Yes | Brassil, J.; Low, S.; Maxemchuck, N.; O'Gorman L.; "Electronic Marking and Identification Techniques to Discourage Document Copying," AT&T Bell Laboratories, Proc. Infocom 94, 1994 |
| | Yes | Wagner, Neal; "Fingerprinting," Drexel University, IEEE Symp. On Info. and Privacy, Apr., 1993 |
| | Yes | Berghal, Hal; Ogorman, Lawrence; "Protecting Ownership Rights Through Digital Watermarking," IEEE Computing v. 29, no.7, pp. 101-103, Jul., 1996 |
| | Yes | Chor, Benny; Fiat, Amos; Naor, Moni; "Tracing Traitors," Crypto 94, p. 257, 1994 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Options | Description |
|-------------|---------------------|--|
| | Yes | Chaum, David; "Security Without Identification: Transaction Systems to Make Big Brother Obsolete", Communications of the ACM, vol. 28, no. 10, Oct., 1985 |
| | Yes | Chaum, David; Pederson, Torben Pryds; "Wallet Databases with Observers", CWI, Aarhus University, David Chaum, <u>Advances in Cryptology</u> -- Proceedings of Crypto '92, pp. 89-105, 1992 |
| | Yes | Kohl, Ulrich; Lotspiech, Jeffrey; Kaplan, Marc; "Safeguarding Digital Library Contents and Users", IBM Research Division, D-Lib Magazine, Sept., 1997 |
| | Yes | Schutzer, Daniel; "A Need for a Common Infrastructure: Digital Libraries and Electronic Commerce," Citibank, D-Lib Magazine, Apr., 1996 |
| | Yes | Paepcke, Andreas; "Summary of Stanford's Digital Library Testbed and Status", Stanford University, D-Lib Magazine, Jul.-Aug., 1996 |
| | Yes | Dempsey, Lorcan; Weibel, Stuart L.; "The Warwick Metadata Workshop: A Framework for the Deployment of Resource Description", University of Bath, OCLC Office of Research, D-Lib Magazine, Jul.-Aug., 1996 |
| | Yes | "AT&T Smart Cards Systems & Solutions", AT&T, 1993 |
| | Yes | Brad J. Cox, Dr., "What if there is a silver bullet?", Dobbs Journal, Oct. 1992 |
| | Yes | Guillou, Louis C.; "Smart Cards and Conditional Access", Springer-Verlag, 1988 |
| | Yes | Chaum, David; "Untraceable Electronic Mail, Return Addresses, and Digital Pseudonyms", Communications of the ACM, vol. 24, No. 3, Feb., 1981 |
| | Yes | Kent, S.; "U.S. Department of Defense Security Options for the Internet Protocol", Network Working Group RFC 1108, Nov. 1991 |
| | Yes | Deering, S.; "Host Extensions for IP Multicasting", Network Working Group RFC 1112, Aug. 1989 |
| | Yes | White, Steve R.; Comerford, Liam; "ABYSS: A Trusted Architecture for Software Protection", IEEE, Apr. 27, 1987 |
| | Yes | Ross, Philip E.; "Cops versus robbers in cyberspace", Forbes, Sep. 9, 1996 |
| | Yes | "Data Networks and Open System Communications, Directory: Information Technology -- Open Systems Interconnection -- The Directory: Overview of Concepts, Models, and Services", ITU-T Recommendation X.500, International Telecommunication Union, Nov. 1993 |
| | Yes | Bender, W.; Gruhl, D.; Morimoto, N.; Lu, A.; "Techniques for data hiding", IBM Systems Journal, Vol. 35, Nos. 3&4, 1996 |
| | Yes | Maxemchuk, N.F.; "Electronic Document Distribution", AT&T Bell Laboratories |
| | Yes | Doster, Bill; Rees, Jim; "Third-Party Authentication in the Institutional File System", Center for Information Technology Integration |
| | Yes | Levy, Steven; "E-Money (That's What I Want)", Wired Magazine, Issue 2.12, Dec. 94 |
| | Yes | Arms, William Y., "Key Concepts in the Architecture of the Digital Library", D-Lib Magazine, Jul. 1995 |
| | Yes | Weingart, S.H., "Physical Security for the uABYSS System", IEEE, 1987 |
| | Yes | B. Strohm, L. Comerford, S. R. White, "ABYSS: Tokens", IBM Research Report Number RC 12402, Dec. 18, 1986 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Rendered Obvious | Description |
|-------------|------------------|---|
| | Yes | Gozani, Shai; Gray, Mary; Keshav, Srinivasan; Madisetti, Mijay; Munson, Ethan; Rosenblum, Mendel; Schoettler, Steve; Sullivan, Mark; Terry, Douglas; "GAFFES: The Design of a Globally Distributed File System", Report No. UCB/CSD 87/361; Computer Science Division (EECS), U.C. Berkley, Jun. 1997 |
| | Yes | Chaum, David; Fiat, Amos; Naor, Moni; "Untraceable Electronic Cash", Lecture Notes in Computer Science, 403, Advances in Cryptology - CRYPTO '88 Proceedings, 1988 |
| | Yes | Chaum, David; "Privacy and Social Protection in Electronic Payment Systems", Chapter 12, The Future of Money in the Information Age |
| | Yes | Bos, Jurjen.; Chaum, David; "SmartCash: a Practical Electronic Payment System", Center for Mathematics and Computer Science, Report CS-R9035, Aug. |
| | Yes | Gircys, Gintaras R.; <u>Understanding and Using COFF</u> , O'Reilly & Associates, Inc.; Nov. 1988 |
| | Yes | <u>Unix System V, Release 3.2, Programmer's Guide Vol. II</u> , AT&T, Prentice Hall, 1989 |
| | Yes | Richarson, Dennis W.; <u>Electric Money: Evolution of an Electronic Funds-Transfer System</u> , The MIT Press, 1970 |
| | Yes | Custer, Helen; <u>Inside Windows NT</u> , Microsoft Press, Redmond, WA, 1993 |
| | Yes | Pietrek, Matt; <u>Windows Internals: The Implementation of the Windows Operating Environment</u> , Addison-Wesley, 1993 |
| | Yes | Gilde, R., "DAT-Heads: Frequently Asked Questions", 1991, Release 3.1-Sep. 2, 1992 |
| | Yes | Tardo, Joseph; Valente, Luis; "Mobile Agent Security and Telescript", General Magic, Inc. |
| | Yes | "Telescript Security", BYTE.com, Oct. 1994 |
| | Yes | "Forum on Risks to the Public in Computers and Related Systems: ACM Committee on Computers and Public Policy, Peter G. Neumann, moderator", Risks-Forum Digest, Vol. 15, Issue 40, Jan. 24, 1994 |
| | Yes | Sahuguet, Arnaud; "Piracy: the Dark Side of Electronic Commerce: CIS-700/2", Univ. of Pennsylvania, May 5, 1998 |
| Y | Yes | Rouaix, Francois; "A Web navigator with applets in Caml", INRIA |
| | Yes | Fuchsberger, Andreas; Gollmann, Dieter; Lothian, Paul; Paterson, Kenneth G.; Sidiropoulos, Abraham; "Public-key Cryptography on Smart Cards", Information Security Group |
| | Yes | "An Introduction to Safety and Security in Telescript", Telescript Powered |
| | Yes | Clarke, Roger; Bunting, Angela; "Cryptography issues in plain text", Privacy Law and Policy Reporter, 1996 |
| Y | Yes | Pratt & Witney Inuse |
| Y | Yes | Use of ATM |
| Y | Yes | Use of Set Top Box |
| Y | Yes | Protective Envelope System |
| | | |
| | | |
| | | PRIOR ART |
| | Yes | 3,573,747; Adams et al. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Options | Description |
|-------------|---------------------|-------------------------------|
| | Yes | 3,609,697; Blevins |
| | Yes | 3,790,700; Callais et al. |
| | Yes | 3,796,830; Smith |
| | Yes | 3,798,359; Feistel |
| | Yes | 3,798,360; Feistel |
| | Yes | 3,798,605; Feistel |
| | Yes | 3,806,882; Clarke |
| | Yes | 3,829,833; Freeny, Jr. |
| | Yes | 3,906,448; Henriques |
| | Yes | 3,911,397; Freeny, Jr. |
| | Yes | 3,924,065; Freeny, Jr. |
| | Yes | 3,931,504; Jacoby |
| | Yes | 3,946,200; Brobeck et al. |
| | Yes | 3,946,220; Brobeck et al. |
| | Yes | 3,956,615; Anderson et al. |
| | Yes | 3,958,081; Ehram et al. |
| | Yes | 3,970,992; Boothroyd et al. |
| | Yes | 4,048,619; Forman, Jr. et al. |
| | Yes | 4,071,911; Mazur |
| | Yes | 4,112,421; Freeny, Jr. |
| | Yes | 4,120,030; Johnstone |
| | Yes | 4,162,483; Entenman |
| | Yes | 4,163,280; Mori et al. |
| | Yes | 4,168,396; Best |
| | Yes | 4,196,310; Forman et al. |
| | Yes | 4,200,913; Kuhar et al. |
| | Yes | 4,209,787; Freeny, Jr. |
| | Yes | 4,217,588; Freeny, Jr. |
| | Yes | 4,220,991; Hamano et al. |
| | Yes | 4,232,193; Gerard |
| | Yes | 4,232,317; Freeny, Jr. |
| | Yes | 4,236,217; Kennedy |
| | Yes | 4,253,157; Kirschner et al. |
| | Yes | 4,262,329; Bright et al. |
| | Yes | 4,265,371; Desai et al. |
| | Yes | 4,270,182; Asija |
| | Yes | 4,278,837; Best |
| | Yes | 4,305,131; Best |
| | Yes | 4,306,289; Lumley |
| | Yes | 4,309,569; Merkle |
| | Yes | 4,319,079; Best |
| | Yes | 4,323,921; Guillou |
| | Yes | 4,328,544; Baldwin et al. |
| | Yes | 4,337,483; Guillou |
| | Yes | 4,361,877; Dyer et al. |
| | Yes | 4,375,579; Davida et al. |
| | Yes | 4,433,207; Best |
| | Yes | 4,434,464; Suzuki et al. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|-------------------------------|
| | Yes | 4,442,486; Mayer |
| | Yes | 4,446,519; Thomas |
| | Yes | 4,454,594; Heffron et al. |
| | Yes | 4,458,315; Uchenick |
| | Yes | 4,462,076; Smith, III |
| | Yes | 4,462,078; Ross |
| | Yes | 4,465,901; Best |
| | Yes | 4,471,163; Donald et al. |
| | Yes | 4,484,217; Block et al. |
| | Yes | 4,494,156; Kadison et al. |
| | Yes | 4,513,174; Herman |
| | Yes | 4,528,588; Lofberg |
| | Yes | 4,528,643; Freeny, Jr. |
| | Yes | 4,553,252; Egendorf |
| | Yes | 4,558,176; Arnold et al. |
| | Yes | 4,558,413; Schmidt et al. |
| | Yes | 4,562,306; Chou et al. |
| | Yes | 4,562,495; Bond et al. |
| | Yes | 4,577,289; Comerford et al. |
| | Yes | 4,584,641; Guglielmino |
| | Yes | 4,588,991; Atalla |
| | Yes | 4,589,064; Chiba et al. |
| | Yes | 4,593,183; Fukatsu |
| | Yes | 4,593,353; Pickholtz |
| | Yes | 4,593,376; Volk |
| | Yes | 4,595,950; Lofberg |
| | Yes | 4,597,058; Izumi et al. |
| | Yes | 4,622,222; Johnson |
| | Yes | 4,634,807; Chorley et al. |
| | Yes | 4,644,493; Chandra et al. |
| | Yes | 4,646,234; Tolman et al. |
| | Yes | 4,652,990; Pailen et al. |
| | Yes | 4,658,093; Hellman |
| | Yes | 4,670,857; Rackman |
| | Yes | 4,672,572; Alsberg |
| | Yes | 4,677,434; Fascenda |
| | Yes | 4,677,552; Sibley, Jr. |
| | Yes | 4,680,731; Izumi et al. |
| | Yes | 4,683,553; Mollier |
| | Yes | 4,685,056; Barnsdale et al. |
| | Yes | 4,688,169; Joshi |
| | Yes | 4,691,350; Kleijne et al. |
| | Yes | 4,696,034; Wiedemer |
| | Yes | 4,700,296; Palmer, Jr. et al. |
| | Yes | 4,701,846; Ikeda et al. |
| | Yes | 4,712,238; Gilhousen et al. |
| | Yes | 4,713,753; Boebert et al. |
| | Yes | 4,727,550; Chang et al. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|-------------------------------|
| | Yes | 4,740,890; William |
| | Yes | 4,747,139; Taaffe |
| | Yes | 4,757,533; Allen et al. |
| | Yes | 4,757,534; Matyas et al. |
| | Yes | 4,768,087; Taub et al. |
| | Yes | 4,791,565; Dunham et al. |
| | Yes | 4,796,181; Wiedemer |
| | Yes | 4,798,209; Klingenberg et al. |
| | Yes | 4,799,156; Shavit et al. |
| | Yes | 4,807,288; Ugon et al. |
| | Yes | 4,817,140; Chandra et al. |
| | Yes | 4,823,264; Deming |
| | Yes | 4,827,508; Shear |
| | Yes | 4,858,121; Barber et al. |
| | Yes | 4,864,494; Kobus |
| | Yes | 4,866,769; Karp |
| | Yes | 4,868,877; Fischer |
| | Yes | 4,903,296; Chandra et al. |
| | Yes | 4,924,378; Hershey et al. |
| | Yes | 4,930,073; Cina, Jr. |
| | Yes | 4,949,187; Cohen |
| | Yes | 4,975,647; Downer et al. |
| | Yes | 4,977,594; Shear |
| | Yes | 4,999,806; Chernow et al. |
| | Yes | 5,001,752; Fischer |
| | Yes | 5,005,122; Griffin et al. |
| | Yes | 5,005,200; Fischer |
| | Yes | 5,010,571; Katznelson |
| | Yes | 5,023,907; Johnson et al. |
| | Yes | 5,047,928; Wiedemer |
| | Yes | 5,048,085; Abraham et al. |
| | Yes | 5,050,213; Shear |
| | Yes | 5,091,966; Bloomberg et al. |
| | Yes | 5,103,392; Mori |
| | Yes | 5,103,476; Waite et al. |
| | Yes | 5,111,390; Ketcham |
| | Yes | 5,119,493; Janis et al. |
| | Yes | 5,126,936; Champion et al. |
| | Yes | 5,128,525; Stearns et al. |
| | Yes | 5,136,643; Fischer |
| | Yes | 5,136,646; Haber et al. |
| | Yes | 5,136,647; Haber et al. |
| | Yes | 5,136,716; Harvey et al. |
| | Yes | 5,146,575; Nolan, Jr. |
| | Yes | 5,148,481; Abraham et al. |
| | Yes | 5,155,680; Wiedemer |
| Y | Yes | 5,163,091; Graziano et al. |
| | Yes | 5,168,147; Bloomberg |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

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|-------------|-----------------|---------------------------------|
| | Yes | 5,185,717; Mori |
| | Yes | 5,187,787; Skeen et al. |
| | Yes | 5,201,046; Goldberg et al. |
| | Yes | 5,201,047; Maki et al. |
| | Yes | 5,208,748; Flores et al. |
| | Yes | 5,214,702; Fischer |
| | Yes | 5,216,603; Flores et al. |
| | Yes | 5,221,833; Hecht |
| | Yes | 5,222,134; Waite et al. |
| | Yes | 5,224,160; Paulini et al. |
| | Yes | 5,224,163; Gasser et al. |
| | Yes | 5,227,797; Murphy |
| | Yes | 5,235,642; Wobber et al. |
| | Yes | 5,241,671; Reed et al. |
| | Yes | 5,245,165; Zhang |
| | Yes | 5,247,575; Sprague et al. |
| | Yes | 5,257,369; Skeen et al. |
| | Yes | 5,260,999; Wyman |
| | Yes | 5,263,158; Janis |
| | Yes | 5,265,164; Maryas et al. |
| Y | Yes | 5,276,735; Boebert et al. |
| | Yes | 5,280,479; Mary |
| | Yes | 5,285,494; Sprecher et al. |
| | Yes | 5,301,231; Abraham et al. |
| | Yes | 5,311,591; Fischer |
| | Yes | 5,319,705; Halter et al. |
| | Yes | 5,319,785; Halter et al. |
| | Yes | 5,335,169; Chong |
| | Yes | 5,337,360; Fischer |
| | Yes | 5,341,429; Stringer et al. |
| | Yes | 5,343,527; Moore |
| | Yes | 5,347,579; Blandford |
| | Yes | 5,351,293; Michener et al. |
| Y | Yes | 5,355,474; Thuraingham et al. |
| | Yes | 5,365,587; Campbell et al. |
| | Yes | 5,373,440; Cohen et al. |
| | Yes | 5,373,561; Haber et al. |
| | Yes | 5,390,247; Fischer |
| | Yes | 5,390,330; Talati |
| | Yes | 5,392,220; van den Hamer et al. |
| | Yes | 5,392,390; Crozier |
| | Yes | 5,394,469; Nagel et al. |
| | Yes | 5,410,598; Shear |
| | Yes | 5,412,717; Fischer |
| | Yes | 5,418,713; Allen |
| | Yes | 5,420,927; Micali |
| | Yes | 5,421,006; Jablon |
| | Yes | 5,422,953; Fischer |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Render's Obvious | Description |
|-------------|------------------|-------------------------------|
| | Yes | 5,428,606; Moskowitz |
| | Yes | 5,438,508; Wyman |
| | Yes | 5,442,645; Ugon |
| | Yes | 5,444,779; Daniele |
| | Yes | 5,449,895; Hecht et al. |
| | Yes | 5,449,896; Hecht et al. |
| | Yes | 5,450,493; Maher |
| | Yes | 5,453,601; Rosen |
| | Yes | 5,453,605; Hecht et al. |
| | Yes | 5,455,407; Rosen |
| | Yes | 5,455,861; Faucher et al. |
| | Yes | 5,455,953; Russell |
| | Yes | 5,457,746; Dolphin |
| | Yes | 5,457,747; Drexler et al. |
| | Yes | 5,458,494; Krohn et al. |
| | Yes | 5,463,565; Cookson et al. |
| | Yes | 5,473,687; Lipscomb et al. |
| | Yes | 5,473,692; Davis |
| | Yes | 5,479,509; Ugon |
| | Yes | 5,485,622; Yamaki |
| | Yes | 5,491,800; Goldsmith et al. |
| | Yes | 5,497,479; Hornbuckle |
| | Yes | 5,497,491; Mitchell et al. |
| | Yes | 5,499,298; Narasimhalu et al. |
| | Yes | 5,504,757; Cook et al. |
| | Yes | 5,504,818; Okano |
| | Yes | 5,504,837; Griffeth et al. |
| | Yes | 5,508,913; Yamamoto et al. |
| | Yes | 5,509,070; Schull |
| | Yes | 5,513,261; Maher |
| | Yes | 5,517,518; Rosen |
| | Yes | 5,530,235; Stefik et al. |
| | Yes | 5,530,752; Rubin |
| | Yes | 5,533,123; Force et al. |
| | Yes | 5,534,855; Shockley et al. |
| | Yes | 5,534,975; Stefik et al. |
| | Yes | 5,535,322; Hecht |
| | Yes | 5,537,526; Anderson et al. |
| | Yes | 5,539,735; Moskowitz |
| | Yes | 5,539,828; Davis |
| | Yes | 5,550,971; Brunner et al. |
| | Yes | 5,553,282; Parrish et al. |
| | Yes | 5,557,518; Rosen |
| | Yes | 5,557,798; Skeen et al. |
| | Yes | 5,563,946; Cooper et al. |
| | Yes | 5,568,552; Davis |
| | Yes | 5,572,673; Shurts |
| | Yes | 5,592,549; Naget et al. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Obvious | Description |
|-------------|------------------|-----------------------------|
| | Yes | 5,606,609; Houser et al. |
| | Yes | 5,613,004; Cooperman et al. |
| | Yes | 5,621,797; Rosen |
| | Yes | 5,629,770; Brassil et al. |
| | Yes | 5,629,980; Stefik et al. |
| | Yes | 5,633,932; Davis et al. |
| | Yes | 5,634,012; Stefik et al. |
| | Yes | 5,636,292; Rhoads |
| | Yes | 5,638,443; Stefik et al. |
| | Yes | 5,638,504; Scott et al. |
| | Yes | 5,640,546; Gopinath et al. |
| | Yes | 5,655,077; Jones et al. |
| | Yes | 5,678,170; Grube et al. |
| | Yes | 5,687,236; Moskowitz et al. |
| | Yes | 5,689,587; Bender et al. |
| Y | Yes | 5,692,047; McManis |
| | Yes | 5,692,180; Lee |
| | Yes | 5,710,834; Rhoads |
| | Yes | 5,715,403; Stefik |
| | Yes | 5,721,788; Powell et al. |
| | Yes | 5,732,398; Tagawa |
| | Yes | 5,740,549; Reilly et al. |
| | Yes | 5,745,604; Rhoads |
| | Yes | 5,748,763; Rhoads |
| | Yes | 5,748,783; Rhoads |
| | Yes | 5,748,960; Fischer |
| | Yes | 5,754,849; Dyer et al. |
| | Yes | 5,757,914; McManis |
| | Yes | 5,758,152; LeTourneau |
| Y | Yes | 5,765,152; Erickson |
| | Yes | 5,768,426; Rhoads |
| | Yes | 5,774,872; Golden et al. |
| | Yes | 5,819,263; Bromley et al. |
| | Yes | 5,842,173; Strum et al. |
| | Yes | BE 9 004 79 |
| | Yes | DE 3 803 982 |
| | Yes | DE 3 803 982 A1 |
| | Yes | EP 0 084 441 |
| | Yes | EP 0 084 441 A1 |
| | Yes | EP 0 128 672 |
| | Yes | EP 0 128 672 A1 |
| | Yes | EP 0 135 422 |
| | Yes | EP 0 135 422 A1 |
| | Yes | EP 0 180 460 |
| | Yes | EP 0 180 460 A1 |
| | Yes | EP 0 370 146 |
| | Yes | EP 0 370 146 A1 |
| | Yes | EP 0 399 822 A2 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Obvious | Description |
|-------------|------------------|-----------------|
| | Yes | EP 0 421 409 |
| | Yes | EP 0 421 409 A2 |
| | Yes | EP 0 456 386 |
| | Yes | EP 0 456 386 A2 |
| | Yes | EP 0 469 864 |
| | Yes | EP 0 469 864 A2 |
| | Yes | EP 0 469 864 A3 |
| | Yes | EP 0 565 314 |
| | Yes | EP 0 565 314 A2 |
| | Yes | EP 0 593 305 |
| | Yes | EP 0 593 305 A2 |
| | Yes | EP 0 651 554 |
| | Yes | EP 0 651 554 A1 |
| | Yes | EP 0 668 695 |
| | Yes | EP 0 668 695 A2 |
| | Yes | EP 0 668 695 A3 |
| | Yes | EP 0 695 985 |
| | Yes | EP 0 695 985 A1 |
| | Yes | EP 0 696 798 |
| | Yes | EP 0 696 798 A1 |
| | Yes | EP 0 714 204 |
| | Yes | EP 0 714 204 A2 |
| | Yes | EP 0 715 243 |
| | Yes | EP 0 715 243 A1 |
| | Yes | EP 0 715 244 |
| | Yes | EP 0 715 244 A1 |
| | Yes | EP 0 715 245 |
| | Yes | EP 0 715 245 A1 |
| | Yes | EP 0 715 246 |
| | Yes | EP 0 715 246 A1 |
| | Yes | EP 0 715 247 |
| | Yes | EP 0 715 247 A1 |
| | Yes | EP 0 725 376 |
| | Yes | EP 0 725 376 A2 |
| | Yes | EP 0 749 081 |
| | Yes | EP 0 749 081 A1 |
| | Yes | EP 0 763 936 |
| | Yes | EP 0 763 936 A2 |
| | Yes | EP 0 778 513 |
| | Yes | EP 0 778 513 A2 |
| | Yes | EP 0 795 873 |
| | Yes | EP 0 795 873 A2 |
| | Yes | EP 0 800 312 |
| | Yes | EP 0 800 312 A1 |
| | Yes | GB 2,136,175 |
| | Yes | GB 2,264,796 |
| | Yes | GB 2,294,348 |
| | Yes | GB 2,295,947 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Readers Obvious | Description |
|-------------|-----------------|--------------|
| | Yes | JP 01-068835 |
| | Yes | JP 02-242352 |
| | Yes | JP 02-247763 |
| | Yes | JP 02-294855 |
| | Yes | JP 04-369068 |
| | Yes | JP 05-181734 |
| | Yes | JP 05-257783 |
| | Yes | JP 05-268415 |
| | Yes | JP 06-175794 |
| | Yes | JP 06-215010 |
| | Yes | JP 06-225059 |
| | Yes | JP 07-056794 |
| | Yes | JP 07-084852 |
| | Yes | JP 07-141138 |
| | Yes | JP 07-200317 |
| | Yes | JP 07-200492 |
| | Yes | JP 07-244639 |
| | Yes | JP 08-137795 |
| | Yes | JP 08-152990 |
| | Yes | JP 08-185292 |
| | Yes | JP 08-185298 |
| | Yes | JP 57-726 |
| | Yes | JP 62-241061 |
| | Yes | WO 85/02310 |
| | Yes | WO 85/03584 |
| | Yes | WO 90/02382 |
| | Yes | WO 92/06438 |
| | Yes | WO 92/22870 |
| | Yes | WO 93/01550 |
| | Yes | WO 94/01821 |
| | Yes | WO 94/03859 |
| | Yes | WO 94/06103 |
| | Yes | WO 94/16395 |
| | Yes | WO 94/18620 |
| | Yes | WO 94/22266 |
| | Yes | WO 94/27406 |
| | Yes | WO 95/14289 |
| | Yes | WO 96/00963 |
| | Yes | WO 96/03835 |
| | Yes | WO 96/05698 |
| | Yes | WO 96/06503 |
| | Yes | WO 96/13013 |
| | Yes | WO 96/21192 |
| | Yes | WO 96/24092 |
| | Yes | WO 97/03423 |
| | Yes | WO 97/07656 |
| | Yes | WO 97/25816 |
| | Yes | WO 97/32251 |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Options | Description |
|-------------|---------------------|---|
| | Yes | WO 97/48203 |
| | Yes | Amerke, David, et al., News Release, AT&T, Jan. 9, 1995, AT&T encryption system protects information services, 1 page. |
| | Yes | Applications Requirements for Innovative Video Programming; How to Foster (or Cripple) Program Development Opportunities for Interactive Video Programs Delivered on Optical Media; A Challenge for the Introduction of DVD (Digital Video Disc) (19-20 Oct. 19 |
| | Yes | Argent Information Q&A Sheet, http://www.digital-watermark.com/ , Copyright 1995, The DICE Company, 7 pages. |
| | Yes | Automation of Securities Markets and Regulatory Implications, Financial Market Trends, n50, p. 20-33, Oct. 1991. [File 148, Gale Group Trade & Industry DB, Dialog(R) commercial database] |
| | Yes | Avery et al, Recommender Systems For Evaluating Computer Messages, Communications of the ACM, pp. 88-89 (Mar. 1997). |
| | Yes | Background on the Administration's Telecommunications Policy Reform Initiative, News Release, The White House, Office of the President, Jan. 11, 1994 |
| | Yes | Baggett, Claude, Cable's Emerging Role in the Information Superhighway, Cable Labs, 13 slides. |
| | Yes | Balabanovic et al, Content-based, Collaborative Recommendation, Communications of the ACM, pp. 66-72 (Mar. 1997). |
| | Yes | Barassi, Theodore Sedgwick Esq., The Cybernotary: Public Key Registration and Certification and Authentication of International Legal Transactions, 4 pages. |
| | Yes | Barnes, Hugh, memo to Henry LaMuth, subject: George Gilder articles, May 31, 1994. |
| | Yes | Bart, Dan, Comments in the Matter of Public Hearing and Request for Comments on the International Aspects of the National Information Infrastructure, Before the Department of Commerce, Aug. 12, 1994. |
| | Yes | Baum, Michael, Worldwide Electronic Commerce: Law, Policy and Controls Conference, program details, Nov. 11, 1993. |
| | Yes | Best, Robert M., Digest of Papers, VLSI: New Architectural Horizons, Feb. 1980, Preventing Software Piracy With Crypto-Microprocessors, pp. 466-469. |
| | Yes | Bisbey, Richard L., II and Gerald J Popek, Encapsulation: An Approach to Operating System Security, (USC/Information Science Institute, Marina Del Rey, CA) Oct. 1973, pp. 666-675. |
| | Yes | Blom et al., Encryption Methods in Data Networks, Ericsson Technics, No. 2, 1978, Stockholm, Sweden. |
| | Yes | Bruner, Rick E., "PowerAgent, NetBot help advertisers reach Internet shoppers," Aug. 1997 (Document from Internet). |
| | Yes | Cable Television and America's Telecommunications Infrastructure, (National Cable Television Association, Washington, D.C.), Apr. 1993, 19 pages. |
| | Yes | Caruso, Denise, Technology, Digital Commerce: 2 plans for watermarks, which can bind proof of authorship to electronic works, N.Y. Times, Aug. 7, 1995, p. D5. |
| | Yes | CD ROM, Introducing . . . The Workflow CD-ROM Sampler, Creative Networks, MCIMail: Creative Networks, Inc., Palo Alto, California. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|---|
| | Yes | CGI Common Gateway Interface Document from the Internet, <cgi@ncsa.uiuc.edu>, 1996, 1 page. |
| | Yes | Chase, Chevy, M.D., DiscStore (Electronic Publishing Resources 1991). |
| Y | Yes | Choudhury, et al., "Copyright Protection for Electronic Publishing over Computer Networks," AT&T Bell Laboratories, Murray Hill, New Jersey 07974 (Jun. 1994). |
| | Yes | Clark, Tim, Ad service gives cash back, Document from the Internet: <www.news.com/News/Item/0,4,13050,00.html> (visited Aug. 4, 1997), 2 pages. |
| | Yes | Codercard, Spec Sheet--Basic Coder Subsystem (Interstate Electronics Corp., Anaheim, CA), (undated) 4 pages. |
| | Yes | Collection of documents including: Protecting Electronically Published Properties, Increasing Publishing Profits, (Electronic Publishing Resources Inc.) Jan. 1993, 25 pages. |
| | Yes | Communications of the ACM, Intelligent Agents, Jul. 1994, vol. 37, No. 7. |
| | Yes | Communications of the ACM, Jun. 1996, vol. 39, No. 6. |
| | Yes | Computer Systems Policy Project (CSSP), Perspectives on the National Information Infrastructure: Ensuring Interoperability (Feb. 1994), Feb. 1994. |
| | Yes | Cunningham, Donna, et al., News Release, AT&T, Jan. 31, 1995, AT&T, VLSI Technology join to improve info highway security, 3 pages. |
| | Yes | Data Sheet, About the Digital Notary Service, Surety Technologies, Inc., 1994-1995, 6 pages. |
| | Yes | Dempsey, et al., "The Warwick Metadata Workshop: A Framework for the Deployment of Resource Description", D-Lib Magazine, Jul. 15, 1996. |
| | Yes | Denning et al., Data Security, 11 Computing Surveys No. 3, Sep. 1979, pp. 227-249. |
| | Yes | Diffie, Whitfield and Martin E. Hellman, IEEE Transactions on Information Theory, vol. 22, No. 6, Nov. 1976, New Directions in Cryptography, pp. 644-651. |
| | Yes | Diffie, Whitfield and Martin E. Hellman, Proceedings of the IEEE, vol. 67, No. 3, Mar. 1979, Privacy and Authentication: An Introduction to Cryptography, pp. 397-427. |
| | Yes | DSP56000/DSP56001 Digital Signal Processor User's Manual, Motorola, 1990, pp. 2-2. |
| | Yes | Dusse, Stephen R. and Burton S. Kaliski, A Cryptographic Library for the Motorola 56000 in Damgard, I. M., Advances in Cryptology-Proceedings Eurocrypt 90, Springer-Verlag, 1991, pp. 230-244. |
| | Yes | Dyson, Esther, Intellectual Value, Wired Magazine, Jul. 1995, pp. 136-141 and 182-184. |
| | Yes | EDS Provides PowerAgent with Internet Services to Support One-to-One Marketing (PowerAgent Inc. 1997, no later than Aug. 13, 1997). |
| | Yes | EFFector Online vol. 6 No. 6, "A Publication of the Electronic Frontier Foundation," 8 pages, Dec. 6, 1993. |
| | Yes | EIA and TIA White Paper on National Information Infrastructure, published by the Electronic Industries Association and the Telecommunications Industry Association, Washington, D.C., no date. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|---|
| | Yes | Electronic Currency Requirements, XIWT (Cross Industry Working Group), (no date). |
| | Yes | Electronic Publishing Resources Inc. Protecting Electronically Published Properties Increasing Publishing Profits (Electronic Publishing Resources 1991). |
| | Yes | Firefly Network, Inc., www.ffly.com, What is Firefly? Firefly revision: 41.4 Copyright 1995, 1996. |
| | Yes | First CII Honeywell Bull International Symposium on Computer Security and Confidentiality, Jan. 26-28, 1981, Conference Text, pp. 1-21. |
| | Yes | Framework for National Information Infrastructure Services, Draft, U.S. Department of Commerce, Jul. 1994. |
| | Yes | Framework for National Information Infrastructure Services, NIST, Jul. 1994, 12 slides. |
| | Yes | Garcia, D. Linda, Science, space and technology, Hearing before Subcomm. on Technology, Environment, and Aviation, May 26, 1994 (testimony of D. Linda Garcia). |
| | Yes | Gleick, James, Dead as a Dollar, The New York Times Magazine, Jun. 16, 1996, Section 6, pp. 26-30, 35, 42, 50, 54. |
| | Yes | Greguras, Fred, Softic Symposium '95, Copyright Clearances and Moral Rights, Nov. 30, 1995 (as updated Dec. 11, 1995), 3 pages. |
| | Yes | Guillou, Louis C., Smart Cards and Conditional Access, Advances in Cryptography-Proceedings of EuroCrypt 84 (T. Beth et al, Ed., Springer-Verlag, 1985) pp. 480-490. |
| | Yes | Haar, Steven Vonder, PowerAgent Launches Commercial Service, Interactive Week Aug. 4, 1997, (Document from the Internet) 1 page. |
| | Yes | Harman, Harry H., Modern Factor Analysis, Third Edition Revised, University of Chicago Press, Chicago and London, 1976. |
| | Yes | Hearst, Interfaces For Searching the Web Scientific American pp. 68-72 (Mar. 1997). |
| | Yes | Herzberg, Amir et al., Public Protection of Software, ACM Transactions on Computer Systems, vol. 5, No. 4, Nov. 1987, pp. 371-393. |
| | Yes | Hofmann, Jud, Interfacing the NII to User Homes, (Consumer Electronic Bus. Committee) NIST, Jul. 1994, 12 slides. |
| | Yes | Hofmann, Jud, Interfacing the NII to User Homes, Electronic Industries Association, Consumer Electronic Bus Committee, 14 slides, no date. |
| | Yes | Holt, Stannie, Start-up promises user confidentiality in Web marketing service, Info World Electric, Aug. 13, 1997 (Document from Internet)/ (Infoworld Publishing Co. Aug. 4, 1997). |
| | Yes | HotJava.TM.: The Security Story Document from the Internet, (no date) 4 pages. |
| | Yes | How Can I Put an Access Counter on My Home Page?, World Wide Web FAQ, 1996, 1 page. |
| | Yes | Multimedia Mixed Objects Envelopes Supporting a Graduated Fee Scheme Via Encryption, IBM Technical Disclosure Bulletin, vol. 37, No. 3, Mar. 1, 1994, pp. 413-417, XP000441522. |
| | Yes | Transformer Rules Strategy for Software Distribution Mechanism-Support Products, IBM Technical Disclosure Bulletin, vol. 37, No. 48, Apr. 1994, pp. 523-525, XP000451335. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Objections | Description |
|-------------|---------------------|---|
| | Yes | IISP Break Out Session Report for Group No. 3, Standards Development and Tracking System, no date. |
| | Yes | Information Infrastructure Standards Panel: NII "The Information Superhighway", NationsBank--HGDeal--ASC X9, (no date), 15 pages. |
| | Yes | Intellectual Property and the National Information Infrastructure, a Preliminary Draft of the Report of the Working Group on Intellectual Property Rights, Green paper, Jul. 1994, 141 pages. |
| | Yes | Invoice? What's an Invoice?, Business Week, Jun. 10, 1996, pp. 110-112. |
| | Yes | Is Advertising Really Dead?, Wired 1.02, Part 2, 1994. |
| | Yes | JavaSoft, Frequently Asked Questions--Applet Security, What's Java.TM.? Products and Services, Java/Soft News, Developer's Corner, Jun. 7, 1996, 8 pages, Document from Internet, <java@java.sun.com> |
| | Yes | Jiang, et al, A concept-Based Approach to Retrieval from an Electronic Industrial Directory, International Journal of Electronic Commerce, vol. 1, No. 1, Fall 1996, pp. 51-72. |
| | Yes | Jones, Debra, Top Tech Stories, PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers, Aug. 13, 1997, 3 pages (Document from Internet). |
| | Yes | Kautz, Referral Web: Combining Social Networks and Collaborative Filtering, Communications of the ACM, pp. 63-65 (Mar. 1997). |
| | Yes | Kelly, Kevin, Whole Earth Review, E-Money, pp. 40-59, Summer 1993. |
| | Yes | Kent, Stephen Thomas, Protecting Externally Supplied Software in Small Computers, (MIT/LCS/TR-255) Sep. 1980, 254 pages. |
| | Yes | Kohntopp, M., Sag's durch die Blume, Apr. 1996, marit@schulung.netuse.de |
| | Yes | Konstan et al, Applying Collaborative Filtering to Usenet News, Communications of the ACM, pp. 77-87 (Mar. 1997). |
| | Yes | Kristol et al., Anonymous Internet Mercantile Protocol, AT&T Bell Laboratories, Murray Hill, New Jersey, Draft: Mar. 17, 1994. |
| | Yes | Lagoze, Carl, D-Lib Magazine, Jul/Aug. 1996, The Warwick Framework, A Container Architecture for Diverse Sets of Metadata. |
| | Yes | Lanza, Mike, electronic mail, George Gilder's Fifth Article--Digital Darkhorse--Newspapers, Feb. 21, 1994. |
| | Yes | Levy, Steven, E-Money, That's What I want, WIRED, Dec. 1994, 10 pages. |
| | Yes | Low et al., Anonymous Credit Cards and its Collusion Analysis, AT&T Bell Laboratories, Murray Hill, New Jersey, Oct. 10, 1994. |
| | Yes | Low et al., Anonymous Credit Cards, AT&T Bell Laboratories, Proceedings of the 2nd ACM Conference on Computer and Communications Security, Fairfax, Virginia, Nov. 2-4, 1994. |
| | Yes | Low et al., Document Marking and Identification using both Line and Word Shifting, AT&T Bell Laboratories, Murray Hill, New Jersey, Jul. 29, 1994. |
| | Yes | Lynch, Searching the Internet Scientific American pp. 52-56 (Mar. 1997). |
| | Yes | MacIachlan, Malcolm, PowerAgent Debuts Spam-Free Marketing, TechWire, Aug. 13, 1997, 3 pages (Document from Internet). |
| | Yes | Maxemchuk, Electronic Document Distribution, AT&T Bell Laboratories, Murray Hill, New Jersey 07974. |
| | Yes | Micro Card (Micro Card Technologies, Inc., Dallas, TX), (no date), 4 pages. |
| | Yes | Milbrandt, Eric, Stenography Info and Archive, 1996, 2 pages. |

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**InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)**

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|--|
| Y | Yes | Mori, Ryoichi and Masaji Kawahara, Superdistribution: The Concept and the Architecture, The Transactions of the EIEICI, V, E73, No. 7, Tokyo, Japan, Jul. 1990. |
| | Yes | Mossberg, Walter S., Personal Technology, Threats to Privacy On-Line Become More Worrisome, Wall Street Journal, Oct. 24, 1996. |
| | Yes | Negroponte, Nicholas, Electronic Word of Mouth, Wired, Oct. 1996, p. 218. |
| | Yes | Negroponte, Nicholas, Some Thoughts on Likely and Expected Communications Scenarios: A Rebuttal, Telecommunications, Jan. 1993, pp. 41-42. |
| | Yes | Neumann, et al., A Provably Secure Operating System: The System, Its Applications, and Proofs, Computer Science Laboratory Report CSL-116, Second Edition, SRI International (May 1980). |
| | Yes | New Products, Systems and Services, AT&T Technology, vol. 9, No. 4, (undated), pp. 16-19. |
| | Yes | News from The Document Company Xerox, Xerox Announces Software Kit for Creating Working Documents with Dataglyphs Document from Internet, Nov. 6, 1995, 13 pages. |
| | Yes | NII, Architecture Requirements, XIWT, (no date). |
| | Yes | Open System Environment Architectural Framework for National Information Infrastructure Services and Standards, in Support of National Class Distributed Systems, Distributed System Engineering Program Sponsor Group, Draft 1.0, Aug. 5, 1994. |
| | Yes | Pelton, Dr. Joseph N., Telecommunications, Why Nicholas Negroponte is Wrong About the Future of Telecommunication, pp. 35-40, Jan. 1993. |
| | Yes | Portland Software's ZipLock, Internet Information, Copyright Portland Software, 1996-1997, 12 pages. |
| | Yes | PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers (PowerAgent Inc. Aug. 4, 1997). |
| | Yes | PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers (PowerAgent Inc., 1997 (no later than Aug. 13, 1997). |
| | Yes | PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers (Tech Talk Aug. 4, 1997). |
| | Yes | PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers (Techmall.com, Aug. 4, 1997). |
| | Yes | PowerAgent Introduces Internet's First True 1:1 Marketing Network (PowerAgent Inc., Aug. 4, 1997). |
| | Yes | PowerAgent Press Releases, "What the Experts are Reporting on PowerAgent," Aug. 13, 1997, 3 pages (Document from Internet). |
| | Yes | PowerAgent Press Releases, What the Experts are Reporting on PowerAgent, Aug. 13, 1997, 6 pages (Document from Internet). |
| | Yes | PowerAgent Press Releases, What the Experts are Reporting on PowerAgent, Aug. 4, 1997, 5 pages (Document from Internet). |
| | Yes | Premenos Announces Templar 2.0--Next Generation Software for Secure Internet EDI, Document from Internet: <webmaster@templar.net>, Jan. 17, 1996, 1 page. |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Relevant Obvious | Description |
|-------------|------------------|--|
| | Yes | Premenos Corp. White Paper: The Future of Electronic Commerce, A Supplement to Midrange Systems, Document from Internet, <webmaster@premenos.com>, 4 pages, no date. |
| | Yes | Press Release, "National Semiconductor and EPR Partner For Information Metering/Data Security Cards" (Mar. 4, 1994). |
| | Yes | Proper Use of Consumer Information on the Internet, Document from the Internet, White Paper, (PowerAgent Inc., Melo Park, CA) Jun. 1997, 9 pages. |
| | Yes | Rankine, Gordon, "Thomas--A Complete Single-Chip RSA Device," Advances in Cryptography, Proceedings of Crypto 86, pp. 480-487 (A.M. Odlyzko Ed., Springer-Verlag 1987). |
| | Yes | Reilly, Arthur K., Standards committee T1-Telecommunications, Input to the 'International Telecommunications Hearings,' Panel 1: Component Technologies of the NII/GII, no date. |
| | Yes | Resnick, et al., Recommender Systems, Communications of the ACM, vol. 40, No. 3, Mar. 1997, pp. 56-89. |
| | Yes | Resnick, Filtering the Information On the Internet Scientific American pp. 62-64 (Mar. 1997). |
| | Yes | ROI-Solving Critical Electronic Publishing Problems (Personal Library Software, 1987 or 1988). |
| | Yes | Rose, Lance, Cyberspace and the Legal Matrix: Laws or Confusion?, 1991. |
| | Yes | Rosenthal, Steve, Interactive Newtork: Viewers Get Involved, New Media, Dec. 1992, pp. 30-31. |
| | Yes | Rosenthal, Steve, Interactive TV: The Gold Rush is on, New Media, Dec. 1992, pp. 27-29. |
| | Yes | Rosenthal, Steve, Mega Channels, New Media, Sep. 1993, pp. 36-46. |
| | Yes | Rothstein, Edward, Technology, Connections, Making the Internet come to you through 'push' technology, New York Times, Jan. 20, 1997, p. D5. |
| | Yes | Rucker et al, Personalized Navigation For the Web, Communications of the ACM, pp. 73-75 (Mar. 1997). |
| | Yes | Rutkowski, Ken, PowerAgent Introduces First Internet 'Infomediary' to Empower and Protect Consumers, Tech Talk News Story, Aug. 4, 1997, 1 page. (Document from Internet) |
| | Yes | Sager, Ira (Edited by), Bits & Bytes, Business Week, Sep. 23, 1996, p. 142E. |
| | Yes | Schlosstein, Steven, America: The G7's Comeback Kid, International Economy, Jun/Jul. 1993, 5 pages. |
| | Yes | Schurmann, Jurgen, Pattern Classification, A Unified View of Statistical and Neural Approaches, John Wiley & Sons, Inc., 1996. |
| | Yes | Schnaumueller-Bichl, Ingrid, et al., A Method of Software Protection Based on the Use of Smart Cards and Cryptographic Techniques, (undated), 9 pages. |
| | Yes | Serving the Community: A Public-Interest Vision of the National Information Infrastructure, Computer Professionals for Social Responsibility, Executive Summary, no date. |
| | Yes | Shear, Victor, Solutions for CD-ROM Pricing and Data Security Problems, pp. 530-533, CD ROM Yearbook 1988-1989) (Microsoft Press 1988 or 1989). |

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InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Renders Obvious | Description |
|-------------|-----------------|--|
| | Yes | Siuda, Karl, Security Services in Telecommunications Networks, Seminar: Mapping New Applications Onto New Technologies, edited by B. Plattner and P. Gunzburger; Zurich, Mar. 8-10, 1988, pp. 45-52, XP000215989. |
| | Yes | Smith, Sean and J.D. Tygar, Signed Vector Timestamps: A Secure Protocol for Partial Order Time, CMU-93-116, School of Computer Science Carnegie Mellon University, Pittsburgh, Pennsylvania, Oct. 1991; version of Feb. 1993, 15 pages. |
| | Yes | Special Report, "The Internet: Fulfilling the Promise"; Lynch, Clifford; "The Internet Bringing Order From Chaos"; Resnick, Paul; "Search the Internet", Hearst, Marti A; "Filtering Information on the Internet"; Stefik, Mark; "Interfaces for Searching the |
| | Yes | Stefik, Mark, Introduction to Knowledge Systems, Chapter 7, Classification (Morgan Kaufmann Publishers, Inc., 1995) pp. 543-607. |
| | Yes | Stefik, Mark, Letting Loose the Light: Igniting Commerce in Electronic Publication, (Xerox PARC, Palo Alto, CA) 1994-1995, 35 pages. |
| | Yes | Stefik, Mark, Letting Loose the Light: Igniting Commerce In Electronic Publication, Internet Dreams: Archetypes, Myths, and Metaphors. Massachusetts Institute of Technology, 1996, pp. 219-253. |
| | Yes | Stefik, Trusted Systems Scientific American pp. 78-81 (Mar. 1997). |
| | Yes | Stephenson, Tom, Advanced Imaging, The Info Infrastructure Initiative: Data SuperHighways and You, pp. 73-74, May 1993. |
| | Yes | Sterling, Bruce, "Literary freeware: Not for Commercial Use", remarks at Computers, Freedom and Privacy Conference IV, Chicago, Mar. 26, 1994. |
| | Yes | Struif, Bruno, The Use of Chipcards for Electronic Signatures and Encryption, Proceedings for the 1989 Conference on VLSI and Computer Peripherals, IEEE Computer Society Press, 1989, pp. (4)155-(4)158. |
| | Yes | Templar Software and Services: Secure, Reliable, Standards-Based EDI Over the Internet, Prementos, Internet info@templar.net, 1 page. |
| | Yes | Templar Overview, Prementos, Internet info@templar.net, 4 pages. |
| | Yes | Terveen et al, A System For Sharing Recommendations, Communications of the ACM, pp. 59-62 (Mar. 1997). |
| | Yes | The 1:1 Future of the Electronic Marketplace: Return to a Hunting and Gathering Society, 2 pages, no date. |
| | Yes | The Benefits of ROI For Database Protection and Usage Based Billing (Personal Library Software, 1987 or 1988). |
| | Yes | The New Alexandria No. 1, Alexandria Institute, pp. 1-12, Jul.-Aug. 1986. |
| | Yes | This Web Agent Knows What You Like, Business Week, p. 142E (Sep. 23, 1996). |
| | Yes | Tygar, J.D. and Bennet Yee, Cryptography: It's Not Just For Electronic Mail Anymore, CMU-CS-93-107, School of Computer Science Carnegie Mellon University, Pittsburgh, PA, Mar. 1, 1993, 21 pages. |
| | Yes | Tygar, J.D. and Bennet Yee, Dyad: A System for Using Physically Secure Coprocessors, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA (undated), 41 pages. |
| | Yes | Tygar, J.D. and Bennet Yee, Dyad: A System for Using Physically Secure Coprocessors, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, May 1991, 36 pages. |

* Any possible "Y"s that were missed shall not negate the anticipatory nature of a reference, particularly where there is a chart in Appendix B.

InterTrust Tech. Corp. v. Microsoft Corp.
Case No. C 01-1640 SBA (MEJ)

APPENDIX OF PRIOR ART*

| Anticipates | Readers Obvious | Description |
|-------------|-----------------|--|
| | Yes | Valovic, T., The Role of Computer Networking in the Emerging Virtual Marketplace, Telecommunications, (undated), pp. 40-44. |
| | Yes | Voight, Joan, Beyond the Banner, Wired, Dec. 1996, pp. 196, 200, 204. |
| Y | Yes | Weber, Metering Technologies for Digital Intellectual Property, A Report to the International Federation of Reproduction Rights Organisations, pp 1-29; Oct. 1994, Boston, MA, USA. |
| Y | Yes | Weber, Robert, Digital Rights Management Technologies, A Report to the International Federation of Reproduction Rights Organisations, Northeast Consulting Resources, Inc., Oct. 1995, 49 pages. |
| | Yes | Weber, Robert, Document from the Internet: Digital Rights Management Technologies, Oct. 1995, 21 pages. |
| | Yes | Weder, Adele, Life on the Infohighway, INSITE, (no date), pp. 23-25. |
| | Yes | Weingart, Steve H., Physical Security for the ABYSS System, (IBM Thomas J. Watson Research Center, Yorktown Heights, NY), 1987, pp. 52-58. |
| | Yes | Weitzner, Daniel J., A Statement on EFF's Open Platform Campaign as a Nov., 1993, 3 pages. |
| | Yes | WEPIN Store, Stenography (Hidden Writing), Document from Internet: (Common Law), 1995, 1 page. |
| | Yes | White, Steve R., ABYSS: A Trusted Architecture for Software Protection, (IBM Thomas J. Watson Research Center, Yorktown Heights, NY), 1987, pp. 38-50. |
| | Yes | XIWT Cross Industry Working Team, 5 pages, Jul. 1994. |
| | Yes | Yee, Bennet, Using Secure Coprocessors, CMU-CS-94-149, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 1994, 94 pages. |
| | Yes | Yellin, Frank, Document from the Internet: Low Level Security in Java, Sun Microsystems, 1996, 8 pages. |

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